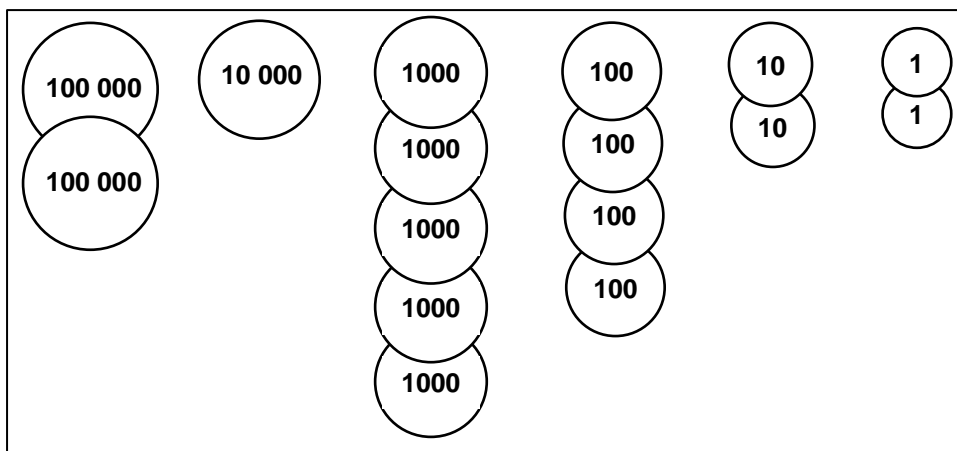


Answers

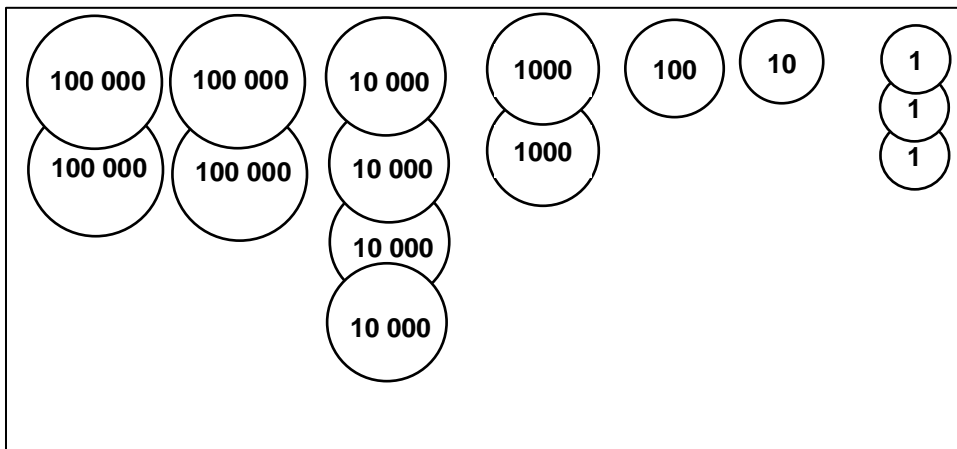
Chapter 1 Numbers to 10 Million

Practice 1 Numbers to 10 Million

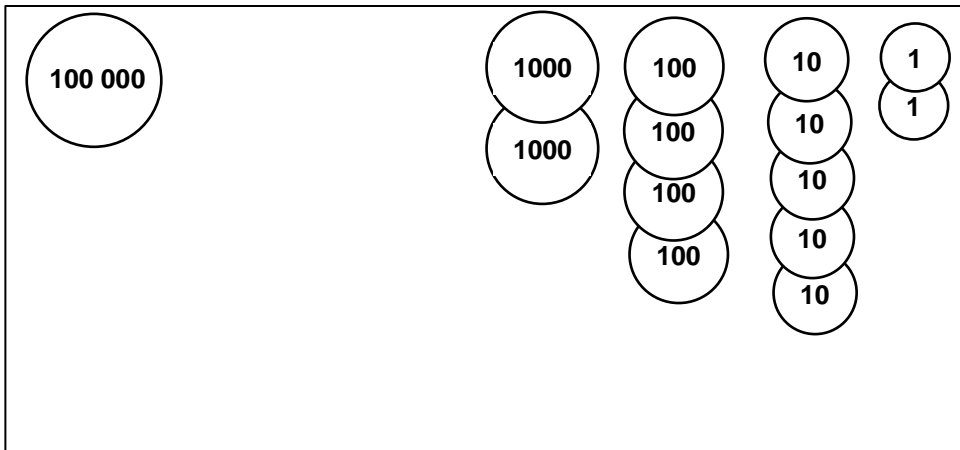
1.



2.



3.

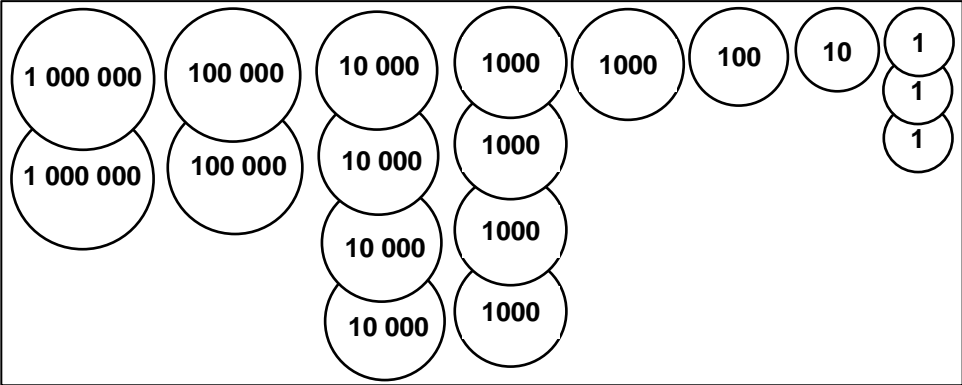


Practice 2 Numbers to 10 Million

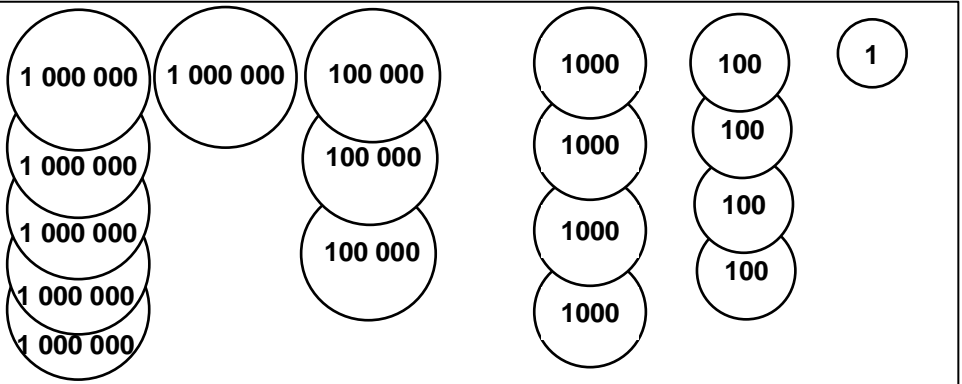
1. Four hundred and sixty-two thousand, seven hundred and eighty-four
2. Six hundred and nine thousand, two hundred and fifty-seven
3. Eight hundred and seventy thousand, six hundred and thirty-nine
4. Five hundred and eighty-six thousand, three hundred and sixty-seven
5. Seven hundred and sixty-nine thousand and eighty-two
6. Nine hundred and eighty-five thousand, five hundred and forty-two
7. 423 064
8. 300 087
9. 518 075
10. 263 102
11. 199 008
12. 631 213
13. 700 007
14. 810 617
15. 946 101

Practice 3 Numbers to 10 Million

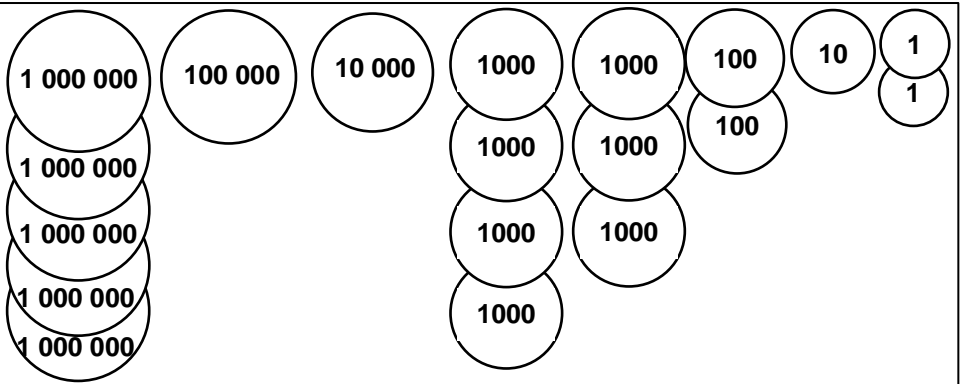
1.



2.



3.



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Practice 4 Numbers to 10 Million

1. One million, nine hundred and forty-six thousand and three hundred
2. Three million, five hundred and sixty-nine thousand, three hundred and eighty-two
3. Six million, six hundred and twenty-five thousand, one hundred and forty-two
4. Two million, one hundred and thirty-seven thousand, two hundred and forty-five
5. Four million, seven hundred and ninety-five thousand, six hundred and fifty-seven
6. Eight million, six hundred and twenty-two thousand and thirty-eight
7. 9 000 012
8. 1 203 007
9. 1 108 266
10. 2 920 003
11. 3 477 524
12. 6 500 001
13. 4 168 370
14. 7 510 201
15. 8 936 040

Practice 5 Numbers to 10 Million

1. 38 000
2. 740 000
3. 650
4. 651 000

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5. 3 480 000
6. 3480
7. 115 239
8. 219 318
9. 437 487
10. 2 319 315
11. 5 204 013
12. 8 211 123

Practice 6 Chapter Review 1

1. Bill
2. Ana
3. Five hundred and four thousand, two hundred and eighty-five
4. Seven million, five hundred and seventy-four thousand and twenty-two
5. 800 452
6. 5 213 831

Practice 7 Chapter Review 2

1. 610 000
2. 1070
3. 5 090 000
4. 913 000
5. 2500
6. 222 122
7. 8 494 103
8. 7 114 639
9. 5 480 122

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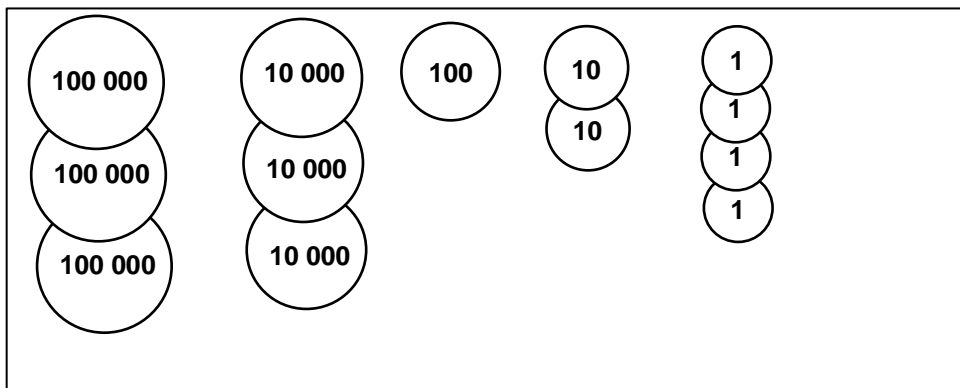
10. 4 081 040

11. 9 670 171

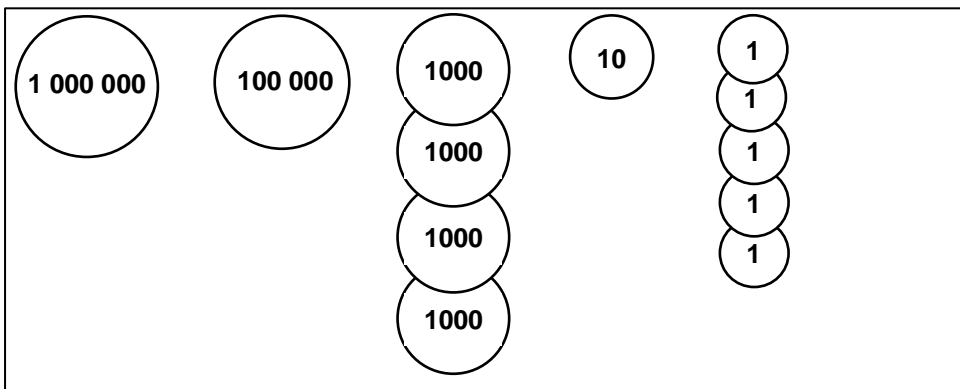
12. 1 909 470

Practice 8 Chapter Review 3

1.



2.



3a. 3 631 418

b. 1 134 683

Chapter 2 Operations of Whole Numbers

Practice 9 Multiplying by 10, 100, 1000 and Their Multiples

1. 40; 400; 4000
2. 90; 900; 9000
3. 300; 3000; 30 000
4. 630; 6300; 63 000
5. 870; 8700; 87 000
6. 4600; 46 000; 460 000
7. 5020; 50 200; 502 000
8. 7530; 75 300; 753 000
9. 8890; 88 900; 889 000
10. 9130; 91 300; 913 000

Practice 10 Multiplying by 10, 100, 1000 and Their Multiples

1. 8; 40; 400
2. 6; 78; 780
3. 9; 10; 243; 10; 2430
4. 7; 10; 238; 10; 2380
5. 1590
6. 4020
7. 5360
8. 10 450
9. 23 590
10. 42 240
11. 31 110
12. 231 840

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Practice 11 Multiplying by 10, 100, 1000 and Their Multiples

1. 1200; 12 000; 120 000
2. 2700; 27 000; 270 000
3. 3300; 33 000; 330 000
4. 5400; 54 000; 540 000
5. 6500; 65 000; 650 000
6. 7800; 78 000; 780 000
7. 39 900; 399 000; 3 990 000
8. 41 800; 418 000; 4 180 000
9. 66 300; 663 000; 6 630 000
10. 87 700; 877 000; 8 770 000

Practice 12 Multiplying by 10, 100, 1000 and Their Multiples

1. 6; 54; 5400
2. 4; 68; 6800
3. $31 \times 3 \times 100$
 $= 93 \times 100$
 $= 9300$
4. $48 \times 7 \times 100$
 $= 336 \times 100$
 $= 33\,600$
5. 57 600
6. 41 500
7. 35 200
8. 87 300
9. 162 600
10. 233 000
11. 927 600

Practice 13 Multiplying by 10, 100, 1000 and Their Multiples

1. 7000; 70 000; 700 000
2. 18 000; 180 000; 1 800 000
3. 25 000; 250 000; 2 500 000
4. 38 000; 380 000; 3 800 000
5. 43 000; 430 000; 4 300 000
6. 55 000; 550 000; 5 500 000
7. 61 000; 610 000; 6 100 000
8. 74 000; 740 000; 7 400 000
9. 89 000; 890 000; 8 900 000
10. 96 000; 960 000; 9 600 000

Practice 14 Multiplying by 10, 100, 1000 and Their Multiples

1. 5; 8; 40; 40 000
2. 14; 6; 84; 84 000
3. $22 \times 5 \times 1000$
 $= 110 \times 1000$
 $= 110 000$
4. $36 \times 4 \times 1000$
 $= 144 \times 1000$
 $= 144 000$
5. 459 000
6. 441 000
7. 396 000
8. 365 000

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9. 716 000
10. 2 490 000
11. 7 255 000
12. 9 648 000

Practice 15 Dividing by 10, 100, 1000 and Their Multiples

1. 3; 30; 300
2. 7; 70; 700
3. 12; 120; 1200
4. 29; 290; 2900
5. 420; 4200; 42 000
6. 801; 8010; 80 100
7. 170
8. 304
9. 89
10. 657
11. 670
12. 3000
13. 5900
14. 3540
15. 1900
16. 68 000

Practice 16 Dividing by 10, 100, 1000 and Their Multiples

1. 10; 6; 3
2. 10; 9; 3
3. 4
4. 3

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5. 2
6. 9
7. 70
8. 40
9. 90
10. 300
11. 800
12. 700

Practice 17 Dividing by 10, 100, 1000 and Their Multiples

1. 5; 50; 500
2. 9; 90; 900
3. 4; 40; 400
4. 60; 600; 6000
5. 69; 690; 6900
6. 71; 710; 7100
7. 52
8. 2200
9. 38
10. 47
11. 230
12. 317
13. 400 300
14. 1340
15. 5312
16. 680 000

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Practice 18 Dividing by 10, 100, 1000 and Their Multiples

1. 100; 8; 4
2. 100; 6; 2
3. 5
4. 4
5. 2
6. 4
7. 3
8. 90
9. 90
10. 80
11. 60
12. 260

Practice 19 Dividing by 10, 100, 1000 and Their Multiples

1. 2; 20; 200
2. 6; 60; 600
3. 4; 40; 400
4. 7; 70; 700
5. 5; 50; 500
6. 8; 80; 800
7. 120 000
8. 31
9. 29
10. 43
11. 86
12. 7.5

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- 13. 512
- 14. 1320
- 15. 1047
- 16. 2 350 000

Practice 20 Dividing by 10, 100, 1000 and Their Multiples

- 1. 1000; 4; 2
- 2. 1000; 6; 2
- 3. 2
- 4. 3
- 5. 6
- 6. 7
- 7. 4
- 8. 9
- 9. 12
- 10. 32
- 11. 1131
- 12. 2167

Practice 21 Order of Operations

- 1. 73
- 2. 69
- 3. 98
- 4. 41
- 5. 66
- 6. 100
- 7. 89

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- 8. 112
- 9. 188
- 10. 171
- 11. 199
- 12. 240

Practice 22 Order of Operations

- 1. 24
- 2. 56
- 3. 45
- 4. 27
- 5. 136
- 6. 57
- 7. 620
- 8. 584
- 9. 465
- 10. 445
- 11. 1252
- 12. 1125

Practice 23 Order of Operations

- 1. 14
- 2. 11
- 3. 28
- 4. 101
- 5. 19
- 6. 72
- 7. 40

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- 8. 19
- 9. 22
- 10. 122
- 11. 48
- 12. 74

Practice 24 Order of Operations

- 1. 18
- 2. 9
- 3. 11
- 4. 8
- 5. 126
- 6. 26
- 7. 10
- 8. 29
- 9. 42
- 10. 204
- 11. 5
- 12. 63

Practice 25 Order of Operations

- 1. A
- 2. B
- 3. B
- 4. A

Practice 26 Order of Operations

- 1. 400

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2. 26
3. 90
4. $40 \times (8 - 5) + 40 = 160$
5. $(46 - 2 \times 5) \times 4 = 144$

Practice 27 Solving Word Problems

1. 19
2. 400 g
3. 235

Practice 28 Solving Word Problems

1. 10
2. 56
3. 84

Practice 29 Solving Word Problems

1. \$141
2. 22
3. \$49

Practice 30 Solving Word Problems

1. 12
2. a. 32
b. 80
3. \$180

Practice 31 Solving Word Problems

1. 90
2. 31

3. 17

Practice 32 Solving Word Problems

1. 115
2. 14
3. \$102

Practice 33 Chapter Review 1

1. 69 900
2. 4006
3. 3910
4. 20 040
5. 5 401 000
6. 6040
7. 309 000
8. 7000
9. 100
10. 1000
11. 10
12. 10
13. 11 100
14. 1550
15. 609
16. 729 000
17. 264 200
18. 372

19. 219

20. 1 624 000

Practice 34 Chapter Review 2

1. 3000

2. 1810

3. 892

4. 20153

5. 150

Practice 35 Chapter Review 3

1. 56

2. 50

3. 15

Chapter 3 Fractions and Mixed Numbers

Practice 36 Fractions and Division

1. $\frac{3}{8}$

2. $\frac{2}{3}$

3. $\frac{3}{5}$

4. $\frac{4}{9}$

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5. $1\frac{2}{3}$

6. $9\frac{1}{4}$

7. $2\frac{1}{2}$

8. $5\frac{1}{3}$

9. $1 \div 4$

10. $2 \div 7$

11. $3 \div 5$

12. $6 \div 4$

13. $11 \div 8$

14. $16 \div 9$

15. $9 \div 8$

16. $8 \div 3$

Practice 37 Fractions and Division

1. 0.8

2. 0.2

3. 0.6

4. 0.8

5. 2.1

6. 3.8

7. 1.33

8. 6.33

9. 1.17

10. 0.94

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11. 3.63

12. 1.86

13. $1\frac{3}{4}$

14. $\frac{2}{5}$

Practice 38 Addition of Mixed Numbers

1. $2\frac{7}{12}$

2. $3\frac{11}{15}$

3. $5\frac{3}{7}$

4. $4\frac{7}{10}$

5. $7\frac{37}{56}$

6. $4\frac{11}{20}$

7. $7\frac{3}{4}$

8. $4\frac{11}{12}$

9. $8\frac{2}{9}$

10. $7\frac{13}{18}$

11. $4\frac{6}{35}$

12. $9\frac{1}{8}$

Practice 39 Addition of Mixed Numbers

1. $3\frac{1}{4}$

2. $5\frac{7}{15}$

3. $6\frac{11}{24}$

4. $6\frac{3}{14}$

5. $8\frac{26}{24}$

6. $6\frac{8}{15}$

7. $3\frac{13}{24}$

8. $7\frac{13}{28}$

9. $7\frac{1}{10}$

10. $6\frac{13}{40}$

11. $9\frac{11}{36}$

12. $6\frac{5}{24}$

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Practice 40 Addition of Mixed Numbers

1. $2\frac{1}{2} + 1\frac{4}{5}$ ●

2. $4\frac{3}{5} + 3\frac{3}{8}$ ●

3. $2\frac{1}{4} + 4\frac{7}{9}$ ●

4. $1\frac{7}{12} + 2\frac{2}{3}$ ●

5. $3\frac{5}{6} + 1\frac{1}{9}$ ●

6. $3\frac{7}{10} + 3\frac{3}{8}$ ●

● $7\frac{1}{36}$

● $4\frac{1}{4}$

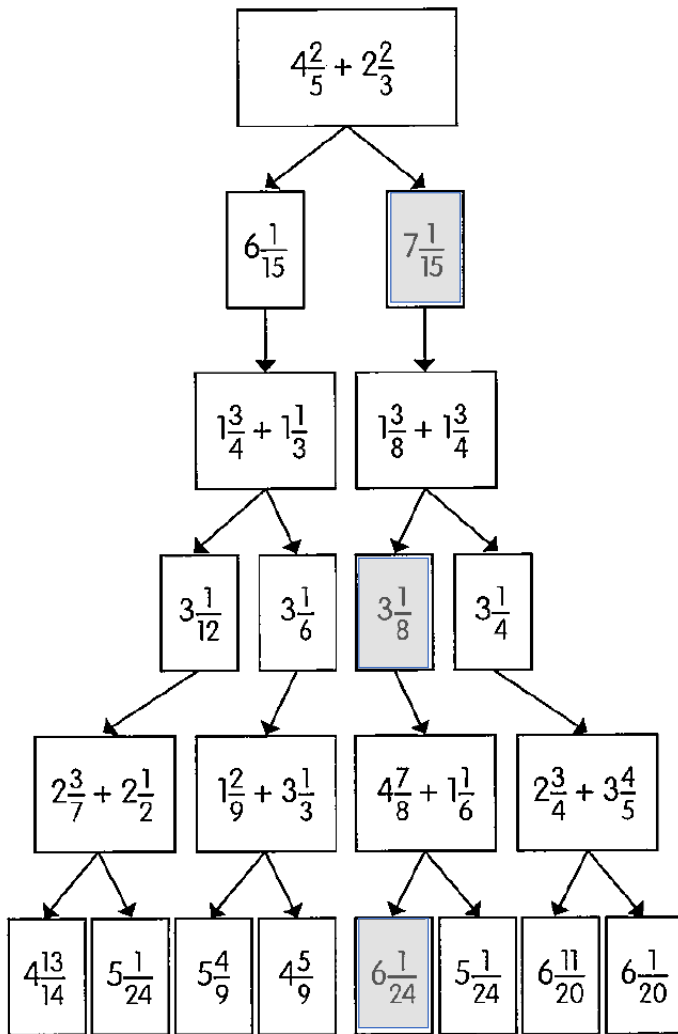
● $7\frac{39}{40}$

● $7\frac{3}{40}$

● $4\frac{3}{10}$

● $4\frac{17}{18}$

Practice 41 Addition of Mixed Numbers



$$6\frac{1}{24}$$

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Practice 42 Addition of Mixed Numbers

1. $2\frac{29}{30}$

2. $3\frac{19}{36}$ kg

3. $6\frac{2}{3}$ h

4. $6\frac{2}{15}$ ℓ

Practice 43 Addition of Mixed Numbers

1. $8\frac{11}{12}$ m

2. 2 minutes

3. $12\frac{1}{4}$

Practice 44 Subtraction of Mixed Numbers

1. $1\frac{1}{12}$

2. $1\frac{2}{5}$

3. $1\frac{1}{3}$

4. $2\frac{11}{24}$

5. $2\frac{1}{12}$

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6. $2\frac{13}{24}$

7. $1\frac{25}{36}$

8. $3\frac{5}{18}$

9. $4\frac{3}{10}$

10. $2\frac{11}{28}$

11. $2\frac{1}{3}$

12. $3\frac{2}{5}$

Practice 45 Simple Subtraction within 10 000

1. $1\frac{7}{10}$

2. $\frac{5}{8}$

3. $1\frac{3}{8}$

4. $1\frac{23}{24}$

5. $1\frac{5}{9}$

6. $2\frac{11}{14}$

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7. $1\frac{7}{12}$

8. $3\frac{7}{9}$

9. $\frac{7}{8}$

10. $3\frac{13}{18}$

11. $1\frac{22}{35}$

12. $4\frac{13}{24}$

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Practice 46 Subtraction of Mixed Numbers

1. $3\frac{1}{2} - 1\frac{2}{3}$ $1\frac{1}{2}$

2. $5\frac{3}{5} - 2\frac{1}{3}$ $3\frac{17}{40}$

3. $4\frac{1}{8} - \frac{7}{10}$ $3\frac{7}{20}$

4. $4\frac{1}{3} - 2\frac{5}{6}$ $1\frac{5}{6}$

5. $5\frac{3}{8} - 3\frac{5}{12}$ $3\frac{4}{15}$

6. $6\frac{1}{4} - 2\frac{9}{10}$ $1\frac{23}{24}$

Practice 47 Subtraction of Mixed Numbers

Working	Correct answer
<p>1. $4\frac{5}{8} - 2\frac{1}{2} = 4\frac{5}{8} - 1\frac{4}{8}$</p> <p>$= 3\frac{1}{8}$</p>	<p>$4\frac{5}{8} - 2\frac{1}{2} = 4\frac{5}{8} - 2\frac{4}{8}$</p> <p>$= 2\frac{1}{8}$</p>

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<p>2. $3\frac{4}{9} - 1\frac{5}{6} = 3\frac{8}{18} - 1\frac{15}{18}$</p> $= 2\frac{7}{18}$	<p>$3\frac{4}{9} - 1\frac{5}{6} = 3\frac{8}{18} - 1\frac{15}{18}$</p> $= 2\frac{26}{18} - 1\frac{15}{18}$ $= 1\frac{11}{18}$
<p>3. $5\frac{7}{12} - 2\frac{3}{4} = 5\frac{7}{12} - 2\frac{9}{12}$</p> $= 5\frac{19}{12} - 2\frac{9}{12}$ $= 3\frac{5}{6}$	<p>$5\frac{7}{12} - 2\frac{3}{4} = 5\frac{7}{12} - 2\frac{9}{12}$</p> $= 4\frac{19}{12} - 2\frac{9}{12}$ $= 2\frac{5}{6}$
<p>4. $7\frac{2}{3} - 4\frac{7}{8} = 7\frac{16}{24} - 4\frac{3}{24}$</p> $= 3\frac{13}{24}$	<p>$7\frac{2}{3} - 4\frac{7}{8} = 7\frac{16}{24} - 4\frac{21}{24}$</p> $= 6\frac{40}{24} - 4\frac{21}{24}$ $= 2\frac{19}{24}$

Practice 48 Subtraction of Mixed Numbers

1. $3\frac{3}{10}$

2. $1\frac{1}{24}$ km

3. $1\frac{29}{36}$

4. $3\frac{5}{8}$ min

Practice 49 Subtraction of Mixed Numbers

1. $1\frac{1}{18}$

2. $10\frac{13}{24}$ min

3. $5\frac{11}{42}$

Practice 50 Chapter Review 1

1. $3\frac{1}{6}$

2. $2\frac{1}{2}$

3. $1\frac{17}{20}$

4. $4\frac{5}{18}$

5. $5\frac{31}{40}$

6. $2\frac{39}{56}$

7. $2\frac{7}{8}$

8. $3\frac{17}{24}$

Practice 51 Chapter Review 2

1. $\frac{23}{24}$ litres

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2. $5\frac{1}{2}$ kg

3. $1\frac{2}{3}$ min

4. $14\frac{9}{20}$ s

Practice 52 Chapter Review 3

1. $\frac{1}{5}$

2. $\frac{2}{9}$

3. $6\frac{1}{2}$

4. $3\frac{3}{4}$

5. 0.4

6. 0.4

7. 2.1

8. 3.3

9. 0.56

10. 0.88

11. 5.17

12. 6.14

Chapter 4 Multiplication of Whole Numbers, Fractions and Mixed Numbers

Practice 53 Product of a Fraction and a Whole Number

1. 5
2. 14
3. 21
4. 27
5. 12
6. 20
7. 63
8. 20
9. 28
10. 48
11. 80
12. 24

Practice 54 Product of a Fraction and a Whole Number

1. 60
2. 72
3. 84
4. 90
5. 144
6. 91
7. 132
8. 210
9. 85
10. 161

11. 165

12. 95

Practice 55 Product of a Fraction and a Whole Number

1. $\frac{3}{4} \times 20$ $\frac{1}{3} \times 36$

2. $\frac{2}{3} \times 21$ $\frac{4}{9} \times 90$

3. $\frac{3}{8} \times 32$ $\frac{5}{3} \times 42$

4. $\frac{7}{5} \times 60$ $\frac{7}{2} \times 4$

5. $\frac{14}{11} \times 55$ $\frac{14}{9} \times 54$

6. $\frac{5}{6} \times 48$ $\frac{1}{2} \times 30$

Practice 56 Product of a Fraction and a Whole Number

1. True
2. False
3. True
4. False
5. True
6. False

Practice 57 Product of a Fraction and a Whole Number

1. 26
2. 24
3. 48
4. 39
5. 44

Practice 58 Product of a Fraction and a Whole Number

1. 21
2. 90
3. 16
4. 32

Practice 59 Product of Two Fractions

1. $\frac{2}{9}$
2. $\frac{2}{7}$

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3. $\frac{1}{6}$

4. $\frac{1}{2}$

5. $\frac{2}{3}$

6. $\frac{7}{12}$

7. $\frac{15}{28}$

8. $\frac{1}{6}$

9. $\frac{1}{15}$

10. $\frac{1}{3}$

11. $\frac{2}{9}$

12. $\frac{12}{25}$

Practice 60 Product of Two Fractions

1. $\frac{2}{3}$

2. $\frac{3}{4}$

3. $1\frac{1}{3}$

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4. $1\frac{4}{21}$

5. $1\frac{3}{5}$

6. $\frac{7}{36}$

7. $\frac{21}{32}$

8. $17\frac{1}{2}$

9. $1\frac{2}{3}$

10. $1\frac{1}{6}$

11. $3\frac{9}{10}$

12. 1

Practice 61 Product of Two Fractions

1. $5\frac{1}{4}$

2. $10\frac{2}{3}$

3. 7

4. $1\frac{13}{14}$

5. $1\frac{3}{7}$

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6. $6\frac{3}{4}$

7. $1\frac{2}{3}$

8. 4

9. $4\frac{1}{2}$

10. $10\frac{1}{2}$

11. $4\frac{3}{3}$

12. $8\frac{3}{4}$

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Practice 62: Product of Two Fractions

1.	$\frac{3}{5} \times \frac{5}{6}$	•	$\frac{6}{5} \times \frac{10}{18}$	•
2.	$\frac{7}{4} \times \frac{6}{7}$	•	$\frac{7}{5} \times \frac{1}{4}$	•
3.	$\frac{9}{2} \times \frac{4}{27}$	•	$\frac{4}{9} \times \frac{9}{8}$	•
4.	$\frac{8}{3} \times \frac{9}{14}$	•	$\frac{1}{5} \times \frac{9}{2}$	•
5.	$\frac{1}{4} \times \frac{18}{5}$	•	$\frac{18}{7} \times \frac{2}{3}$	•
6.	$\frac{3}{4} \times \frac{7}{15}$	•	$\frac{12}{5} \times \frac{5}{8}$	•

Practice 63 Product of Two Fractions

1. O = $\frac{1}{2}$
 M = $\frac{9}{10}$
 S = $1\frac{1}{2}$

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$$H = \frac{2}{3}$$

$$N = 3\frac{1}{8}$$

$$Y = 1\frac{5}{7}$$

HOMONYMS

Practice 64 Product of Two Fractions

1. $\frac{1}{3}$ kg

2. $\frac{1}{4}$

3. $\frac{4}{15}$

4. $\frac{7}{12}$ m

Practice 65 Product of Two Fractions

1. $\frac{1}{2}$

2. $\frac{3}{8}$ ℓ

3. $2\frac{1}{3}$ kg

4. $\frac{35}{72}$

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Practice 66 Product of a Mixed Number and a Whole Number

1. 10

2. $17\frac{1}{2}$

3. 36

4. $7\frac{2}{3}$

5. 51

6. $22\frac{1}{2}$

7. 148

8. $32\frac{1}{2}$

9. 70

10. 150

11. $50\frac{2}{3}$

12. 186

Practice 67 Product of a Mixed Number and a Whole Number

1.

$1\frac{3}{8}$ of 240 cm	<input type="text"/>
$2\frac{4}{5} \times 150$ cm	<input type="text"/>

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2.

$1\frac{2}{7}$ of 28 km	
$2\frac{3}{4} \times 14$ km	□

3.

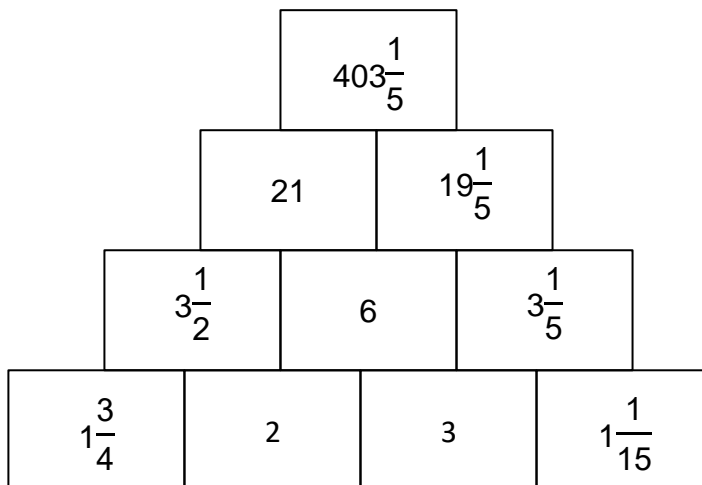
$3\frac{1}{9} \times 2700$ g	
$1\frac{1}{4}$ of 10 kg	
$3\frac{1}{6} \times 30$ kg	□

4.

$1\frac{4}{9}$ of 36 min	
$1\frac{1}{9}$ of 45 min	□
$2\frac{1}{7} \times 350$ min	

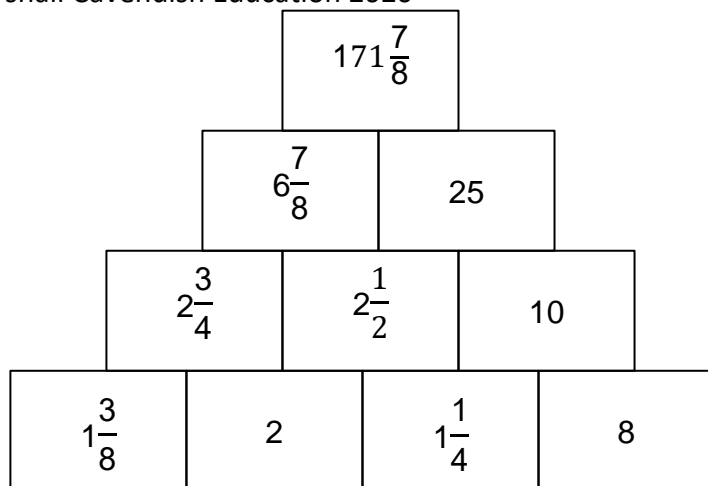
Practice 68 Product of a Mixed Number and a Whole Number

1.



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2.



Practice 69 Product of a Mixed Number and a Whole Number

1. False
2. True
3. False
4. True
5. True
6. False

Practice 70 Product of a Mixed Number and a Whole Number

1. 13 kg
2. $7\frac{1}{2}$ m
3. 72
4. \$208
5. 110 cm

Practice 71 Product of a Mixed Number and a Whole Number

1. 135
2. 65
3. $13\frac{5}{8}$ m

Practice 72 Term Review 1

1. Eight million, ninety-one thousand, two hundred and fifty-nine
2. 602 830
3. 7 563 819
4. 5 304 143
5. 88 000
6. 425 228
7. 5 047 465
8. 701 000

Practice 73 Term Review 2

1. 4900
2. 340
3. 2100
4. 108 000
5. 670 000
6. 4057
7. 8 040 000
8. 99 000
9. 1000
10. 100

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11. 126 000
12. 150
13. 108
14. 3 360 000
15. 3 595 200
16. 578
17. 603
18. 3 535 000

Practice 74 Term Review 3

1. 384
2. 300
3. 156
4. 167
5. 520

Practice 75 Term Review 4

1. $\frac{2}{3}$
2. $2\frac{1}{2}$
3. $2\frac{1}{3}$
4. $\frac{3}{7}$
5. $3\frac{1}{3}$

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6. $3\frac{19}{20}$

7. $5\frac{1}{9}$

8. $5\frac{13}{14}$

9. $2\frac{4}{9}$

10. $1\frac{7}{8}$

11. $4\frac{9}{10}$

12. $2\frac{5}{12}$

Practice 76 Term Review 5

1. $2\frac{7}{8}$

2. $5\frac{1}{2}$

3. $3\frac{19}{20}$

4. $1\frac{7}{10}$

5. $6\frac{1}{6}$

6. $\frac{7}{18}$

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7. $3\frac{1}{2}$

8. $3\frac{7}{18}$

Practice 77 Term Review 6

1. $3\frac{1}{2} \times 30$ ● $\frac{9}{5} \times \frac{20}{3}$ ●

2. $\frac{3}{4} \times 16$ ● $2\frac{3}{5} \times 15$ ●

3. $\frac{5}{8} \times \frac{6}{5}$ ● $2\frac{1}{3} \times 45$ ●

4. $\frac{4}{3} \times \frac{9}{7}$ ● $\frac{3}{2} \times \frac{8}{7}$ ●

5. $24 \times 1\frac{5}{8}$ ● $\frac{7}{6} \times \frac{3}{14}$ ●

6. $\frac{5}{6} \times \frac{3}{10}$ ● $\frac{3}{7} \times \frac{7}{4}$ ●

Practice 78 Term Review 7

1. 375 m

2. 1260 g

3. 660 ml

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4. 480 kg
5. 165 km
6. 4500 g
7. $\frac{5}{9}$ kg
8. 1 h
9. $\frac{5}{7}$ m
10. $2\frac{1}{3}$ kg
11. $1\frac{7}{18}$ km
12. $1\frac{1}{20}$ km

Chapter 5 Fractions: Word Problems

Practice 79 Solving Word Problems

1. $8\frac{11}{15}$ h
2. $1\frac{11}{12}$
3. $3\frac{7}{8}$ kg
4. $3\frac{3}{4}$

Practice 80 Solving Word Problems

1. $5\frac{1}{8}$ km

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2. 4
3. 80

Practice 81 Solving Word Problems

1. 12
2. $1\frac{1}{2}$ m
3. $\frac{5}{12}$ kg
4. $4\frac{1}{6}$ h

Practice 82 Solving Word Problems

1. $\frac{3}{8}$
2. $\frac{1}{2}$
3. 45
4. 40

Practice 83 Solving Word Problems

1. 72
2. \$540
3. \$160

Practice 84 Solving Word Problems

1. \$24
2. 1139

3. 63

Practice 85 Solving Word Problems

1. 27
2. \$205
3. 74

Practice 86 Chapter Review 1

1. $3\frac{19}{24}$ kg
2. $5\frac{7}{20}$ ℓ
3. $13\frac{7}{30}$ m

Practice 87 Chapter Review 2

1. \$15
2. $\frac{3}{8}$ h
3. 168

Practice 88 Chapter Review 3

1. \$384
2. 28

Chapter 6 Area of a Triangle

Practice 89 Area of a Triangle

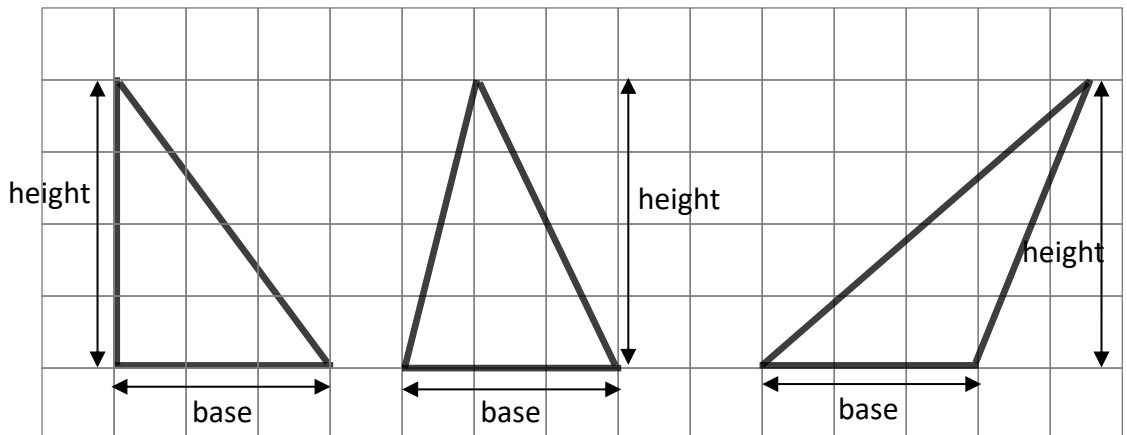
- base
height, perpendicular

2.

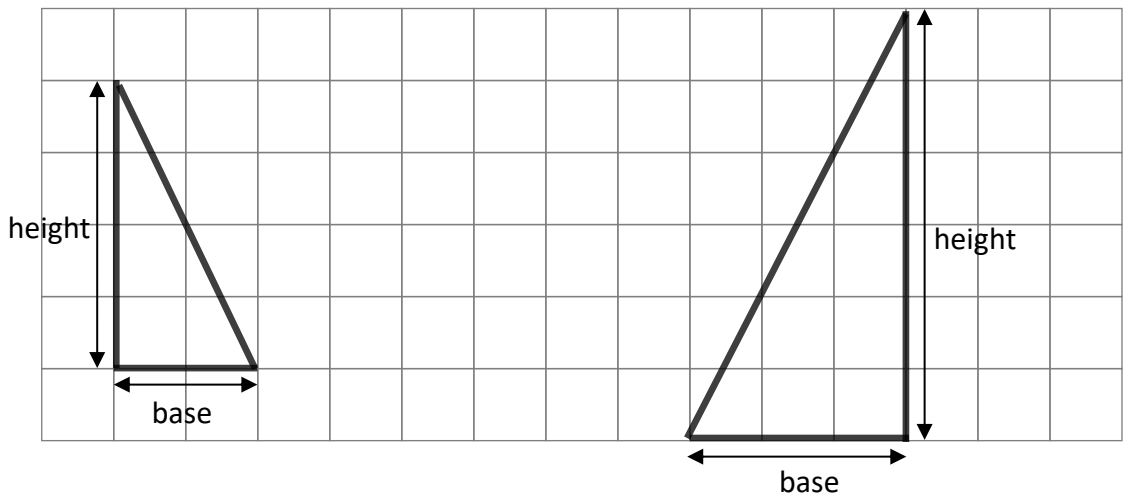
Triangle	Base	Height
A	PQ/RQ	RQ/PQ
B	ST/TU	TU/ST
C	YZ	XV
D	HI	JK
E	LM	ON

Practice 90 Area of a Triangle

- Answers vary. Example:



2.



Practice 91 Area of a Triangle

- | | |
|-------|-------|
| 1. CE | 2. AF |
| 3. AB | 4. TV |
| 5. PS | 6. AC |
| 7. CF | 8. NO |

Practice 92 Area of a Triangle

- | | |
|-------|-------|
| 1. AB | 2. AC |
| 3. LN | 4. TU |
| 5. AB | 6. MN |
| 7. AC | 8. BC |

Practice 93 Area of a Triangle

- | | |
|----------------------|----------------------|
| 1. 6 cm^2 | 2. 8 cm^2 |
| 3. 15 cm^2 | 4. 35 cm^2 |
| 5. 54 cm^2 | 6. 18 cm^2 |
| 7. 52 cm^2 | 8. 84 cm^2 |

Practice 94 Area of a Triangle

- | | |
|------------------------|----------------------|
| 1. 52.5 cm^2 | 2. 60 cm^2 |
| 3. 25 cm^2 | 4. 55 cm^2 |
| 5. 78 cm^2 | 6. 26 cm^2 |

Practice 95 Area of a Triangle

- | | |
|-----------------------|-----------------------|
| 1. 56 cm^2 | 2. 144 cm^2 |
| 3. 216 cm^2 | 4. 285 cm^2 |
| 5. 280 cm^2 | 6. 96 cm^2 |

Practice 96 Composite Figures

1. 288 cm^2
2. 168 cm^2
3. 253 cm^2

Practice 97 Composite Figures

1. 576 cm^2
2. 225 cm^2
3. 183 cm^2

Practice 98 Composite Figures

1. 338 cm^2
2. 1216 cm^2
3. a. 104 cm^2
b. 584 cm^2

Practice 99 Composite Figures

1. 122.5 cm^2
2. 180 cm^2
3. 144 cm^2

Practice 100 Composite Figures

1. 57.5 cm^2
2. 30 cm^2

Practice 101 Composite Figures

1. 176 cm^2
2. 73.5 cm^2
3. 216 cm^2

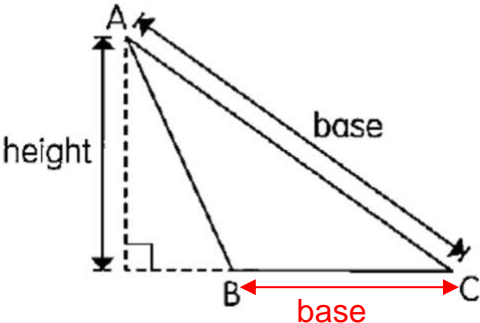
Practice 102 Composite Figures

- 1. 179 cm²
- 2. 450 cm²

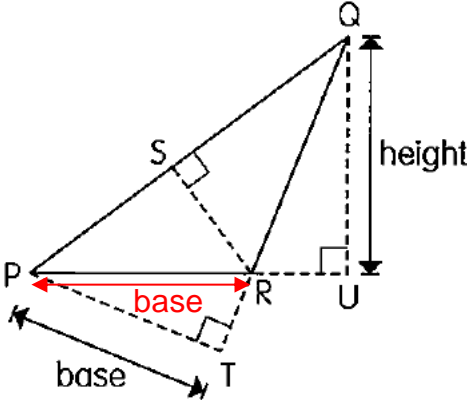
Practice 103 Chapter Review 1

(2) and (3) are correct.

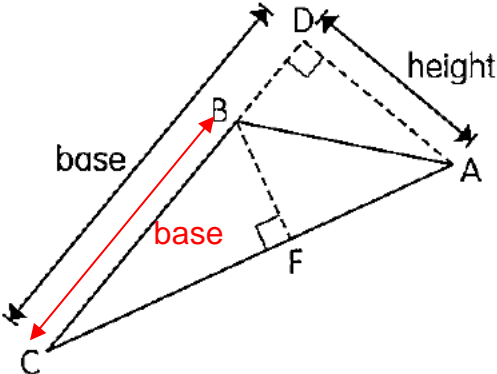
1.



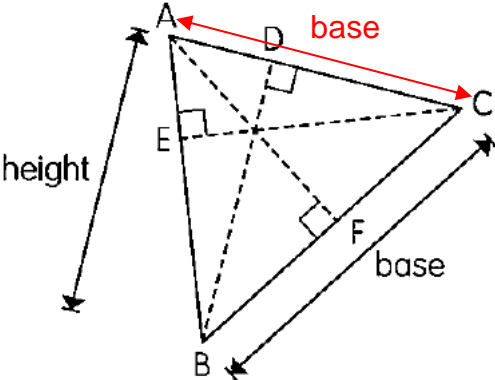
4.



5.

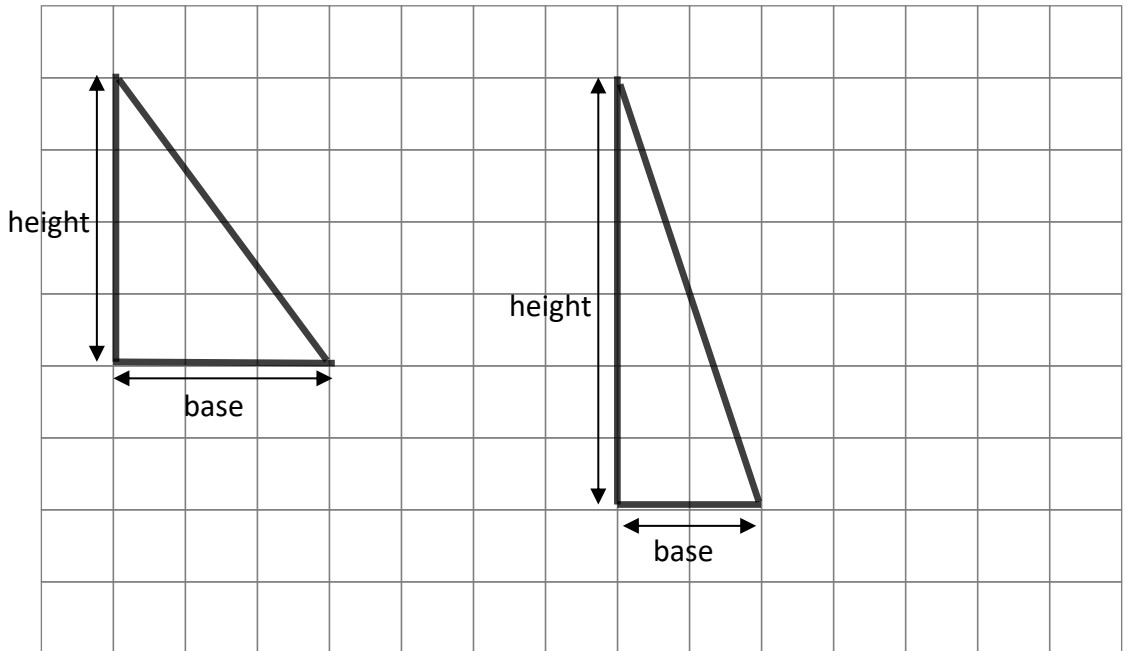


6.



Practice 104 Chapter Review 2

1.



2. 66 cm^2

3. 24 cm^2

Practice 105 Chapter Review 3

1. 24 cm^2

2. 378.5 cm^2

3. 250 cm^2

Chapter 7 Ratio

Practice 106 Finding Ratios

1. 4 : 9

2. 9 : 4

3. 8 : 7

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4. 7 : 8
5. 8 : 15
6. 2 : 5
7. 5 : 2
8. 7 : 2
9. 7 : 3
10. 3 : 7
11. 3 : 10

Practice 107 Finding Ratios

1. 3 : 5
2. 5 : 3
3. 3 : 4
4. 5 : 4
5. 9 : 12

Practice 108 Finding Ratios

1. 8 : 15
2. 3 : 7
3. 14 : 17
4. 5 : 7
5. 22 : 41
6. 25 : 12

Practice 109 Equivalent Ratios

1. 6 : 4
2. 3 : 2

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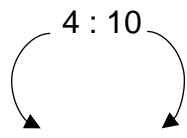
3. 3 : 9

4. 1 : 3

5. 3 : 2

6. 5 : 3

Practice 110 Equivalent Ratios

1. $4 : 10$
 $\div 2$  $\div 2$
 = 2 : 5

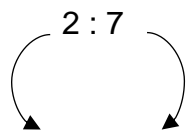
3. 3 : 1

5. 4 : 9

7. 3 : 5

9. 2 : 3

11. 3 : 7

13. $2 : 7$
 $\times 4$  $\times 4$
 = 8 : 28

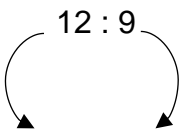
15. 24 : 20

17. 45 : 55

19. 49 : 105

21. 48 : 64

23. 30 : 51

2. $12 : 9$
 $\div 3$  $\div 3$
 = 4 : 3

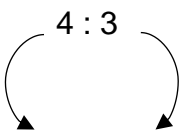
4. 7 : 3

6. 3 : 4

8. 5 : 3

10. 7 : 5

12. 2 : 3

14. $4 : 3$
 $\times 5$  $\times 5$
 = 20 : 15

16. 18 : 48

18. 36 : 15

20. 65 : 70

22. 120 : 135

24. 81 : 144

Practice 111 Equivalent Ratios

- | | |
|------------|-------------|
| 1. 3 : 2 | 2. 20 : 36 |
| 3. 11 : 8 | 4. 12 : 5 |
| 5. 42 : 18 | 6. 72 : 81 |
| 7. 20 : 25 | 8. 75 : 50 |
| 9. 28 : 36 | 10. 15 : 10 |
| 11. 3 : 9 | 12. 60 : 96 |

Practice 112 Comparing Three Quantities

1. 4 : 8 : 5
2. 8 : 5 : 4
3. 6 : 7 : 9
4. 9 : 6 : 7
5. 9 : 6 : 3
= 3 : 2 : 1
6. 8 : 12 : 4
= 2 : 3 : 1

Practice 113 Comparing Three Quantities

1.
$$\begin{array}{c} 3 : 15 : 9 \\ \div 3 \quad \downarrow \quad \div 3 \\ = 1 : 5 : 3 \end{array}$$

2.
$$\begin{array}{c} 20 : 16 : 12 \\ \div 4 \quad \downarrow \quad \div 4 \\ = 5 : 4 : 3 \end{array}$$

- | | |
|--------------|--------------|
| 3. 3 : 5 : 2 | 4. 4 : 5 : 3 |
| 5. 1 : 8 : 6 | 6. 3 : 1 : 2 |

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7. $2 : 7 : 4$

9. $3 : 6 : 8$

11. $70 : 47 : 25$

7. $2 : 3 : 6$

 $\times 2$ $\times 2$ $\times 2$
 $= 4 : 6 : 12$

8. $5 : 3 : 9$

10. $9 : 7 : 12$

12. $23 : 7 : 12$

14. $3 : 1 : 8$

 $\times 4$ $\times 4$ $\times 4$
 $= 12 : 4 : 32$

15. $12 : 6 : 9$

16. $15 : 25 : 10$

17. $28 : 16 : 24$

18. $40 : 55 : 20$

19. $30 : 72 : 42$

20. $54 : 78 : 24$

21. $36 : 90 : 48$

22. $28 : 72 : 56$

23. $42 : 18 : 10$

24. $80 : 15 : 60$

Practice 114 Comparing Three Quantities

1. $3 : 2 : 5$

2. $15 : 8 : 10$

3. $71 : 79 : 77$

4. $19 : 17 : 36$

Practice 115 Solving Word Problems

1. 12 years old

2. 279

3. \$86

4. 104 cm

Practice 116 Solving Word Problems

1. 864
2. 1256
3. 722

Practice 117 Solving Word Problems

1. 578 cm²
2. a. 3 : 1 : 6
b. \$900
3. 30

Practice 118 Solving Word Problems

1. 75
2. 400 g
3. \$800

Practice 119 Solving Word Problems

1. 133 cm
2. 54
3. 147

Practice 120 Solving Word Problems

1. 27 years later
2. 9
3. \$3172

Practice 121 Solving Word Problems

1. 30 10-cent coins, 25 50-cent coins
2. \$432
3. 144

Practice 122 Chapter Review 1

1. 5 : 6
2. 1 : 2
3. 2 : 1
4. 3 : 5 : 2
5. 2 : 1 : 3

Practice 123 Chapter Review 2

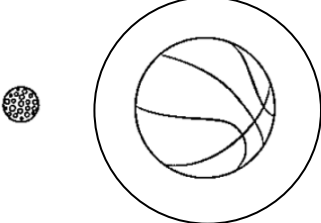
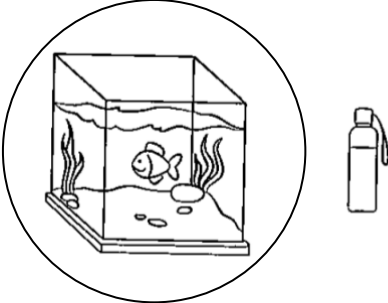
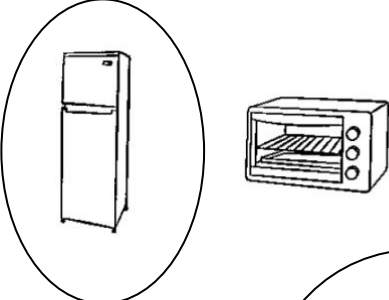
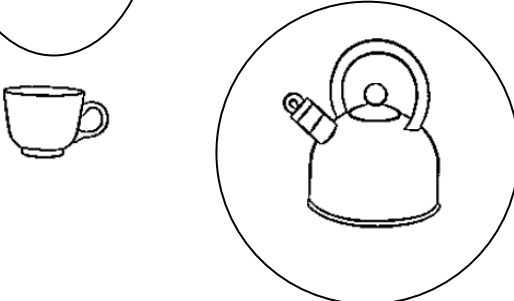
1. 12 : 10, 21 : 15, 28 : 20 (Accept other answers)
2. 18 : 4, 27 : 6, 36 : 8 (Accept other answers)
3. 8 : 12 : 6, 12 : 18 : 9, 16 : 24 : 12 (Accept other answers)
4. 24 : 4 : 10, 36 : 6 : 15, 48 : 8 : 20 (Accept other answers)
5. 10 : 3
6. 3 : 1
7. 5 : 4
8. 9 : 10 : 24
9. 4 : 1 : 5
10. 8 : 7 : 4

Practice 124 Chapter Review 3

1. 10 : 9 : 8
2. 5 : 3
3. 145 cm
4. 40 \$5-notes

Chapter 8 Volume of Cubes and Cuboids

Practice 125 Volume of a Solid

1. 
2. 
3. 
4. 

5. Accept any reasonable answers. Example: Computer
6. Accept any reasonable answers. Example: Pencil case
7. Accept any reasonable answers. Example: Study table
8. Accept any reasonable answers. Example: Bus

Practice 126 Volume of a Solid

1. 12 cubic units
2. 8 cubic units
3. 16 cubic units
4. 11 cubic units
5. 14 cubic units
6. 23 cubic units
7. 16 cubic units
8. 17 cubic units

Practice 127 Volume of a Solid

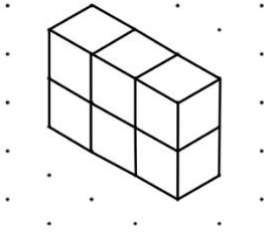
1.

Solid	Volume (cubic units)
A	12
B	18
C	15
D	12
E	14
F	16

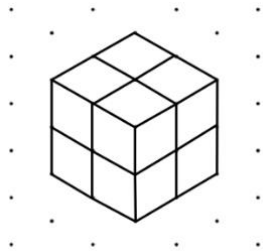
2. A, D
3. 2
4. 27

Practice 128 Volume of a Solid

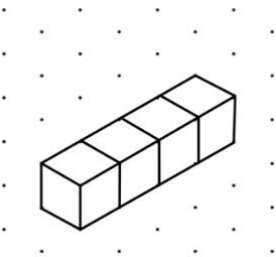
1.



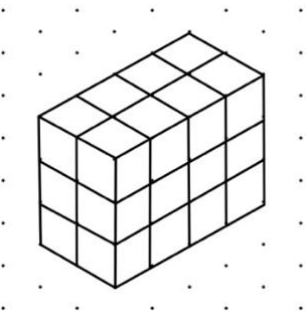
2.



3.

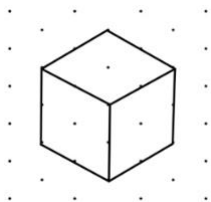


4.

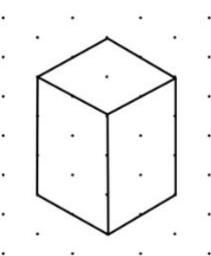


Practice 129 Drawing Cubes and Cuboids

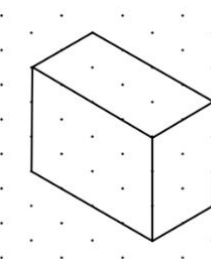
1.



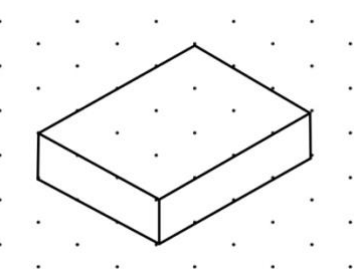
2.



3.

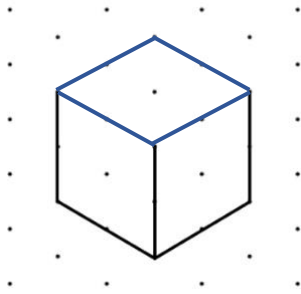


4.

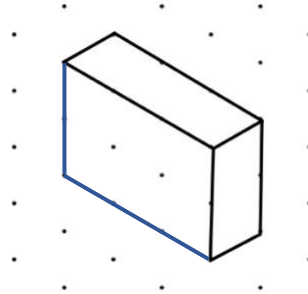


Practice 130 Drawing Cubes and Cuboids

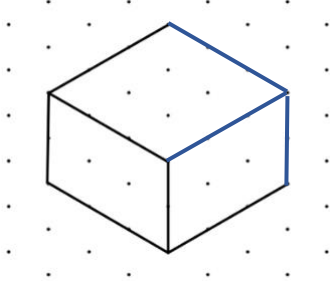
1.



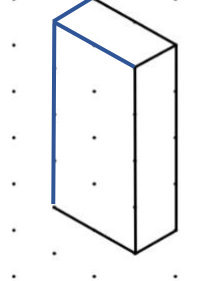
2.



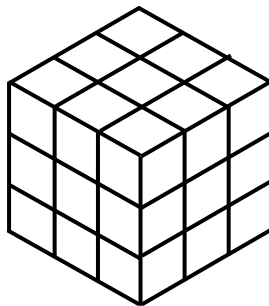
3.



4.



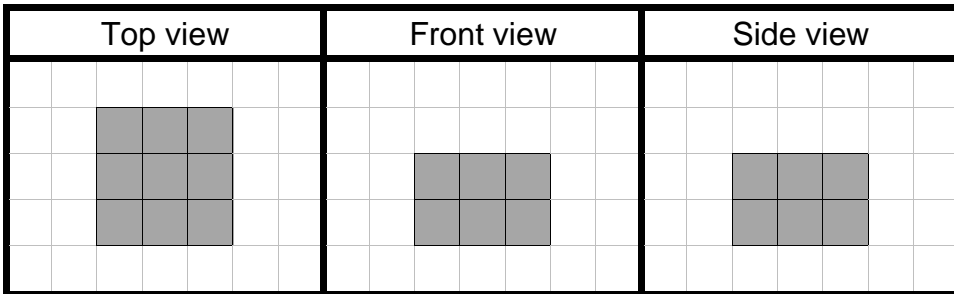
5.



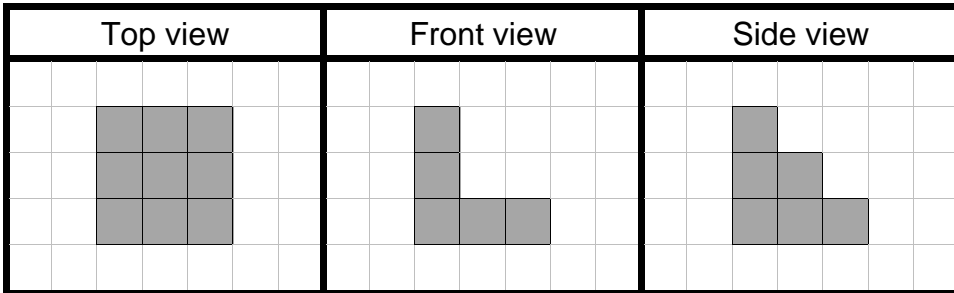
No. A cube must have a cubic number, where the length, breadth and height have the same number of cubes.

Practice 131 Drawing Cubes and Cuboids

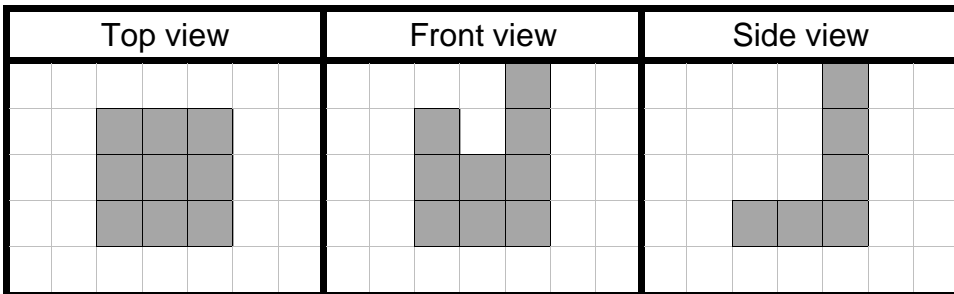
1.



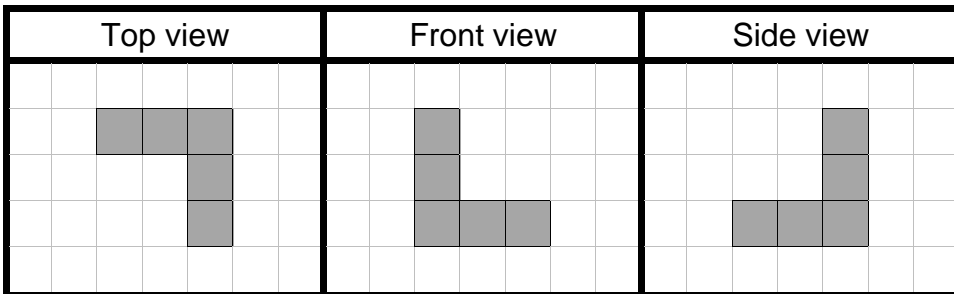
2.



3.

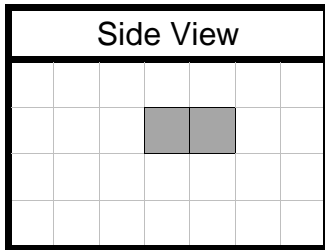


4.

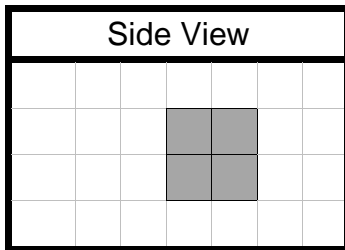


Practice 132 Drawing Cubes and Cuboids

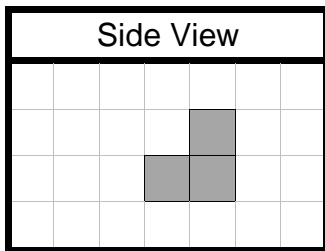
1. B



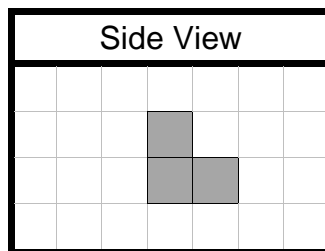
2. A



3. A



4. B



Practice 133 Volume of a Cube and a Cuboid

1. $\underline{1} \text{ cm} \times \underline{1} \text{ cm} \times \underline{1} \text{ cm} = \underline{1} \text{ cm}^3$
2. $\underline{1} \text{ m} \times \underline{1} \text{ m} \times \underline{1} \text{ m} = \underline{1} \text{ m}^3$
3. 13 cm^3
4. 12 m^3
5. 11 cm^3

Practice 134 Volume of a Cube and a Cuboid

1. (4)
2. (4)
3. (2)
- 4.

Practice 135 Volume of a Cube and a Cuboid

1. 90 cm^3
2. 216 cm^3
3. 240 cm^3

Practice 136 Volume of a Cube and a Cuboid

1. 108 cm^3
2. 945 cm^3
3. 312 cm^3

Practice 137 Volume of a Cube and a Cuboid

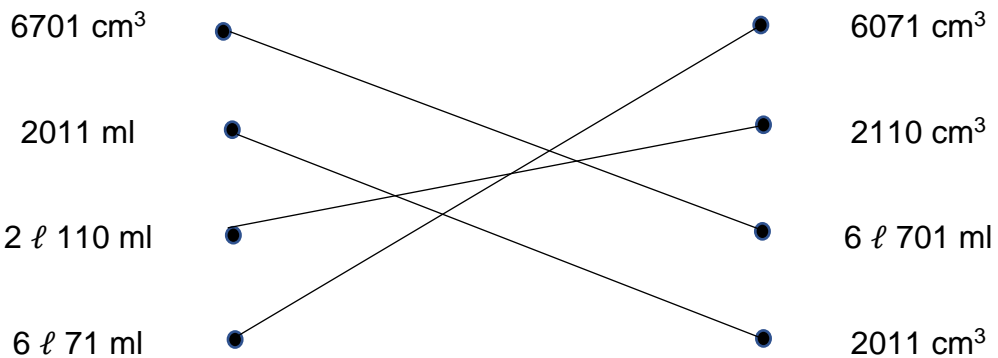
1. 343 cm^3
2. 729 cm^3
3. 432 cm^3

Practice 138 Volume of a Cube and a Cuboid

1. 4116 cm³
2. 375 cm³
3. 1210

Practice 139 Volume of a Liquid

- | | |
|--------------------------|--------------------------|
| 1. 380 ml | 2. 938 ml |
| 3. 1047 ml | 4. 1525 ml |
| 5. 2712 ml | 6. 4800 ml |
| 7. 1 ℓ 200 ml | 8. 1 ℓ 88 ml |
| 9. 2 ℓ 783 ml | 10. 3 ℓ 6 ml |
| 11. 7 ℓ 57 ml | 12. 9 ℓ 204 ml |
| 13. 146 cm ³ | 14. 509 cm ³ |
| 15. 1200 cm ³ | 16. 1010 cm ³ |
| 17. 4002 cm ³ | 18. 7320 cm ³ |
| 19. | |



Practice 140 Volume of a Liquid

1. 620 cm³
2. 45 500 cm³
3. 25 080 cm³

Practice 141 Volume of a Liquid

1. 67 200 ml
2. 47 840 ml
3. 6300 ml

Practice 142 Volume of a Liquid

1. 72 ℓ 150 ml
2. 10 ℓ 440 ml
3. 270 ℓ 300 ml

Practice 143 Volume of a Liquid

1. 20 ℓ
2. 122
3. 1140 ml

Practice 144 Volume of a Liquid

1. 17 500 ml
2. 28 800 ml
3. 233
4. 600 cm³

Practice 145 Semestral Review 1

1. (2)
2. (2)
3. (3)
4. Two million, one hundred and six thousand, four hundred and fifty
5. 1000

Practice 146 Semestral Review 2

1. 3 027 082
2. 32 000
3. 204 000
4. 90
5. 234
6. 1.71
7. $10\frac{1}{4}$

Practice 147 Semestral Review 3

1. (4)
2. (2)
3. (2)
4. 136
5. $2\frac{4}{9}$
6. 2500 m

Practice 148 Semestral Review 4

1. Five million, three hundred and five thousand, seven hundred and fifteen
2. 631 084
3. 16
4. $2\frac{5}{12}$ kg
5. 44 cm^2

Practice 149 Semestral Review 5

1. (4)
2. (3)
3. (3)
4. 18 : 17
5. 120 cm^2

Practice 150 Semestral Review 6

1. $\frac{8}{27}$
2. 624
3. \$100
4. \$17
5. \$2314

Practice 151 Semestral Review 7

1. (3)
2. (2)
3. (2)

4. 9 000 102

5. $6\frac{13}{24}$

6. $19\frac{1}{3}$ m

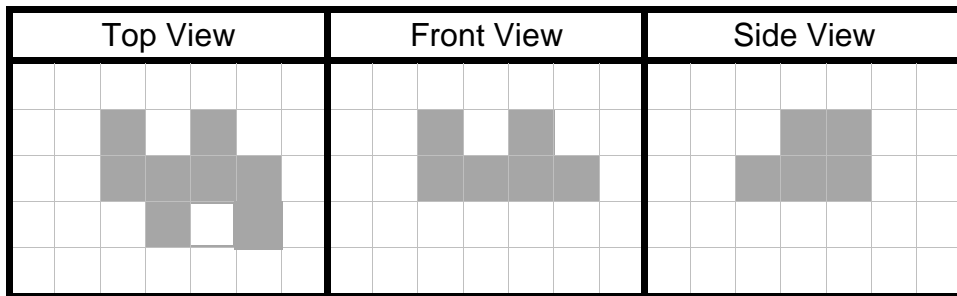
Practice 152 Semestral Review 8

1. Nine million, five hundred and seven thousand, three hundred and eighty-two

2. 2.83

3. 95

4.



Practice 153 Semestral Review 9

1. (1)

2. (1)

3. (2)

4. $2\frac{7}{18}$

5. 72 ℓ 800 ml

Practice 154 Semestral Review 10

1. 719 004
2. $4\frac{7}{8}$
3. 9 : 4 : 6
4. 756 cm²
5. 270

Practice 155 Semestral Review 11

1. (1)
2. (3)
3. (4)
4. \$129

Practice 156 Semestral Review 12

1. 6 510 492
2. 512 cm²
3. \$2000

Practice 157 Semestral Review 13

1. (1)
2. (4)
3. (1)
4. 585
5. 259 200 ml

Practice 158 Semestral Review 14

1. 2.63
2. 4 : 15
3. 140 cm²
4. 115

Practice 159 Semestral Review 15

1. (3)
2. (4)
3. (2)
4. 432
5. 645

Practice 160 Semestral Review 16

1. Seven million, one hundred and twenty thousand and twenty-one
2. $2\frac{9}{10}$
3. 8
- 4.

Statement	True	False	Not possible to tell
The solid has a volume of 5 cubic units.			✓
The solid is made up of at least 5 unit cubes.	✓		

Practice 161 Semestral Review 17

1. (2)
2. (1)
3. (2)
4. 1 221 200
5. $7\frac{7}{10}$ kg

Practice 162 Semestral Review 18

1. 4.43
2. 147 cm²
3. 31
4. 324 cm³

Practice 163 Semestral Review 19

1. (2)
2. (3)
3. (4)
4. 58

Practice 164 Semestral Review 20

1. $1\frac{7}{12}$
2. 64
3. 48
4. \$57

Practice 165 Semestral Review 21

1. (4)
2. (3)
3. (1)
4. 2 : 9 : 11
5. $8\frac{3}{10}$

Practice 166 Semestral Review 22

1. 384 kg
2. 32 min
3. 180 cm²

Practice 167 Semestral Review 23

1. (3)
2. (4)
3. (3)
4. $\frac{7}{12}$ kg
5. 11 cubic units

Practice 168 Semestral Review 24

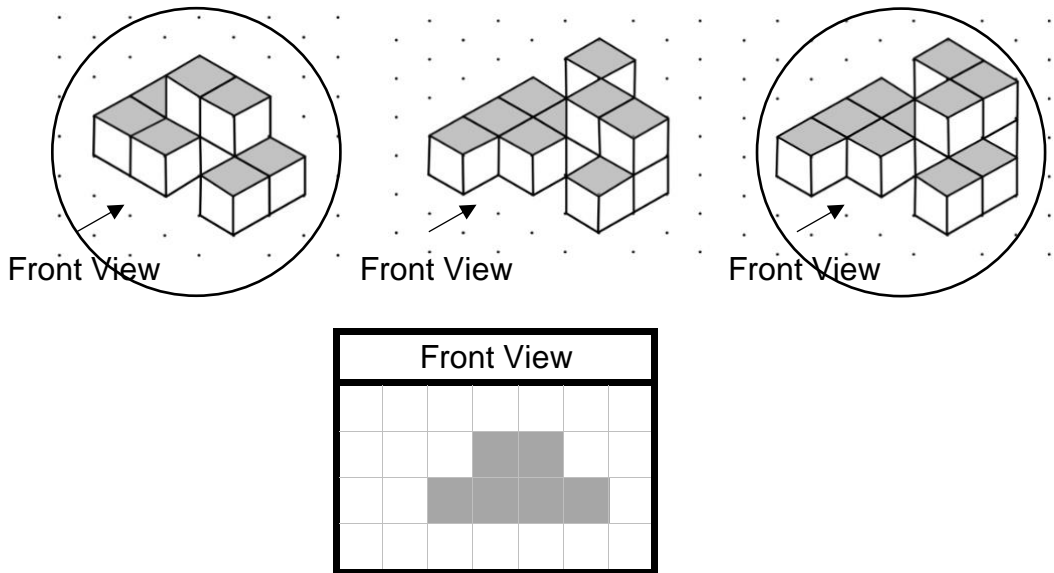
1. 52
2. $14\frac{11}{20}$ km
3. \$72
4. 75 000 cm³

Practice 169 Semestral Review 25

1. (4)
2. (2)
3. (4)
4. \$216 000

Practice 170 Semestral Review 26

1. 4 306 077
2. $2\frac{13}{36}$
- 3.



4. \$196

Practice 171 Semestral Review 27

1. (2)
2. (3)
3. (4)

4. Two million, thirty-two thousand, three hundred and four
5. 930

Practice 172 Semestral Review 28

1. 500
2. 875 g
3. 18
4. 68 565 ml

Chapter 9 Decimals

Practice 173 Multiplying by 10, 100, 1000 and Their Multiples

- | | |
|-----------|-----------|
| 1. 5 | 2. 7 |
| 3. 38 | 4. 49 |
| 5. 0.8 | 6. 4.5 |
| 7. 12.7 | 8. 0.58 |
| 9. 36.09 | 10. 70.02 |
| 11. 0.23 | 12. 0.014 |
| 13. 5.209 | 14. 8.67 |
| 15. 0.631 | 16. 21.45 |
| 17. 0.17 | 18. 4.002 |
| 19. 80.3 | 20. 124.9 |

Practice 174 Multiplying by 10, 100, 1000 and Their Multiples

- | | |
|-----------|-----------|
| 1. 40 | 2. 13 |
| 3. 28.8 | 4. 309 |
| 5. 860 | 6. 219 |
| 7. 344.6 | 8. 4605 |
| 9. 664 | 10. 1980 |
| 11. 0.547 | 12. 0.183 |
| 13. 0.024 | 14. 3.147 |
| 15. 0.505 | 16. 8.329 |
| 17. 0.772 | 18. 3.2 |
| 19. 19.85 | 20. 20.07 |

Practice 175 Multiplying by 10, 100, 1000 and Their Multiples

- | | |
|-----------|------------|
| 1. 800 | 2. 770 |
| 3. 409 | 4. 1600 |
| 5. 2030 | 6. 30 400 |
| 7. 16 170 | 8. 8337 |
| 9. 11 820 | 10. 50 900 |
| 11. 0.019 | 12. 0.033 |
| 13. 0.12 | 14. 0.37 |
| 15. 0.585 | 16. 0.704 |

17. 1.9

18. 4.31

19. 6.688

20. 7.4

Practice 176 Multiplying by 10, 100, 1000 and Their Multiples

1. 15

2. 24

3. 16.8

4. 125

5. 92.8

6. 249.2

7. 1203

8. 136.08

9. 648.9

10. 2828

11. 620

12. 320

13. 465

14. 1735

15. 3001.2

16. 29 330

17. 1940

18. 2430

19. 15 025

20. 2223.6

Practice 177 Multiplying by 10, 100, 1000 and Their Multiples

1. 5600

2. 90

3. 16 920

4. 20 600

5. 102 150

6. 60 800

7. 63 210

8. 19 035

9. 240 160

10. 240 720

11. 0.288

12. 10

13. 100

14. 0.006

15. 0.465

16. 100

17. 1000

18. 0.07

19. 1.027

20. 10

Practice 178 Multiplying by 10, 100, 1000 and Their Multiples

1.	5.5×1000	●	●	110.1
2.	93.6×100	●	●	4.05×2000
3.	7.28×10	●	●	31.2×300
4.	11.01×10	●	●	1.744×10
5.	5.664×100	●	●	40.5×1000
6.	90.32×10	●	●	3.64×20
7.	0.436×40	●	●	55×100
8.	8.1×1000	●	●	9.032×100
9.	5000×8.1	●	●	800×20.8
10.	166.4×100	●	●	56.64×10

Practice 179 Dividing by 10, 100, 1000 and Their Multiples

- | | |
|-----------|------------|
| 1. 0.09 | 2. 0.026 |
| 3. 0.14 | 4. 0.326 |
| 5. 0.51 | 6. 0.615 |
| 7. 1.573 | 8. 10.06 |
| 9. 32.469 | 10. 58.05 |
| 11. 93.8 | 12. 4.26 |
| 13. 19.9 | 14. 40.01 |
| 15. 55 | 16. 83.1 |
| 17. 177.3 | 18. 3016 |
| 19. 923.7 | 20. 735.02 |

Practice 180 Dividing by 10, 100, 1000 and Their Multiples

- | | |
|-----------|-----------|
| 1. 0.007 | 2. 0.015 |
| 3. 0.034 | 4. 0.103 |
| 5. 0.194 | 6. 0.278 |
| 7. 1.322 | 8. 2.156 |
| 9. 4.008 | 10. 6.137 |
| 11. 76 | 12. 257 |
| 13. 11.3 | 14. 4.5 |
| 15. 344.5 | 16. 680 |

- | | |
|------------|------------|
| 17. 5020 | 18. 1839.2 |
| 19. 2009.1 | 20. 4754.3 |

Practice 181 Dividing by 10, 100, 1000 and Their Multiples

- | | |
|----------|----------|
| 1. 0.008 | 2. 0.014 |
| 3. 0.029 | 4. 0.163 |
| 5. 0.5 | 6. 0.87 |
| 7. 3.214 | 8. 6.1 |
| 9. 8.82 | 10. 9.04 |
| 11. 400 | 12. 120 |
| 13. 1350 | 14. 2870 |
| 15. 3390 | 16. 5900 |
| 17. 3830 | 18. 7546 |
| 19. 8080 | 20. 9910 |

Practice 182 Dividing by 10, 100, 1000 and Their Multiples

- | | |
|-----------|----------|
| 1. 0.072 | 2. 0.12 |
| 3. 1.005 | 4. 0.07 |
| 5. 0.401 | 6. 0.023 |
| 7. 0.33 | 8. 0.013 |
| 9. 1.64 | 10. 7.05 |
| 11. 0.013 | 12. 0.04 |

- | | |
|------------------|------------------|
| 13. 0.006 | 14. 0.003 |
| 15. 0.004 | 16. 0.005 |
| 17. 0.034 | 18. 0.037 |
| 19. 0.125 | 20. 0.134 |

Practice 183 Dividing by 10, 100, 1000 and Their Multiples

- | | |
|-------------------|------------------|
| 1. 0.002 | 2. 0.003 |
| 3. 0.003 | 4. 0.03 |
| 5. 0.07 | 6. 0.08 |
| 7. 0.6 | 8. 0.04 |
| 9. 0.006 | 10. 0.007 |
| 11. 10 | 12. 100 |
| 13. 1000 | 14. 1790 |
| 15. 880 | 16. 22.22 |
| 17. 100 | 18. 1000 |
| 19. 90 010 | 20. 10 |

Practice 184 Dividing by 10, 100, 1000 and Their Multiples

1.	$30 \div 6000$	●	●	$0.3 \div 100$
2.	$1.02 \div 10$	●	●	$9 \div 1000$
3.	$1.5 \div 500$	●	●	$90 \div 200$
4.	$1.2 \div 100$	●	●	$4.73 \div 10$
5.	$6.4 \div 80$	●	●	$4.08 \div 40$
6.	$6 \div 100$	●	●	47.03
7.	0.009	●	●	$8.4 \div 700$
8.	$47.3 \div 100$	●	●	$5 \div 1000$
9.	$4.5 \div 10$	●	●	$0.8 \div 10$
10.	$470.3 \div 10$	●	●	$180 \div 3000$

Practice 185 Converting Measurements

1. $0.8 \text{ m} = 0.8 \times 100$
 $= 80 \text{ cm}$

2. $14.3 \text{ m} = 14.3 \times 100$
 $= 1430 \text{ cm}$

3. $3.1 \text{ km} = 3.1 \times 1000$
 $= 3100 \text{ m}$

4. $10.5 \text{ km} = 10.5 \times 1000$
 $= 10\,500 \text{ m}$

5. 255 cm

6. $23\,400 \text{ m}$

7. 480 m

8. 670 cm

9. 2105 cm

10. 5009 m

11. $4.2 \text{ m} = 4 \text{ m} + 0.2 \text{ m}$
 $= 4 \text{ m } 20 \text{ cm}$

12. $7.31 \text{ km} = 7 \text{ km} + 0.31 \text{ km}$
 $= 7 \text{ km } 310 \text{ m}$

13. $81 \text{ m } 13 \text{ cm}$

14. $30 \text{ m } 60 \text{ cm}$

15. $5 \text{ km } 400 \text{ m}$

16. $9 \text{ km } 70 \text{ m}$

Practice 186 Converting Measurements

1. $0.2 \text{ kg} = 0.2 \times 1000$
 $= 200 \text{ g}$

2. $9.35 \text{ kg} = 9.35 \times 1000$
 $= 9350 \text{ g}$

3. $1.85 \text{ l} = 1.85 \times 1000$
 $= 1850 \text{ ml}$

4. $3.108 \text{ l} = 3.108 \times 1000$
 $= 3108 \text{ ml}$

5. 174 g

6. 2070 ml

7. 15 800 ml

8. 18 030 g

9. 12 342 g

10. 16 002 ml

11. $1.76 \text{ kg} = 1 \text{ kg} + 0.76 \text{ kg}$
 $= 1 \text{ kg } 760 \text{ g}$

12. $3.2 \text{ l} = 3 \text{ l} + 0.2 \text{ l}$
 $= 3 \text{ l } 200 \text{ ml}$

13. 6 kg 830 g

14. 20 kg 60 g

15. 5 l 90 ml

16. 2 l 3 ml

Practice 187 Converting Measurements

1. $4 \text{ cm} = 4 \div 100$
 $= 0.04 \text{ m}$

2. $20 \text{ cm} = 20 \div 100$
 $= 0.2 \text{ m}$

3. $370 \text{ m} = 370 \div 1000$
 $= 0.37 \text{ km}$

4. $1050 \text{ m} = 1050 \div 1000$
 $= 1.05 \text{ km}$

5. 0.123 m

6. 0.401 km

7. 5.13 km

8. 0.708 m

9. 6.4 m

10. 9.02 km

11. $1 \text{ m } 32 \text{ cm} = 1 \text{ m} + 0.32 \text{ m}$
 $= 1.32 \text{ m}$

12. $2 \text{ km } 200 \text{ m} = 2 \text{ km} + 0.2 \text{ km}$
 $= 2.2 \text{ km}$

13. 4.18 m

14. 12.09 m

15. 3.015 km

16. 10.72 km

Practice 188 Converting Measurements

1. $28 \text{ g} = 28 \div 1000$
 $= 0.028 \text{ kg}$

2. $425 \text{ g} = 425 \div 1000$
 $= 0.425 \text{ kg}$

3. $260 \text{ ml} = 260 \div 1000$
 $= 0.26 \text{ l}$

4. $1325 \text{ ml} = 1325 \div 1000$
 $= 1.325 \text{ l}$

5. 0.017 kg

6. 0.694 l

7. 3.86 l

8. 1.547 kg

9. 4.04 kg

10. 7.003 l

11. $1 \text{ kg } 400 \text{ g} = 1 \text{ kg} + 0.4 \text{ kg}$
 $= 1.4 \text{ kg}$

12. $3 \text{ l } 50 \text{ ml} = 3 \text{ l} + 0.05 \text{ l}$
 $= 3.05 \text{ l}$

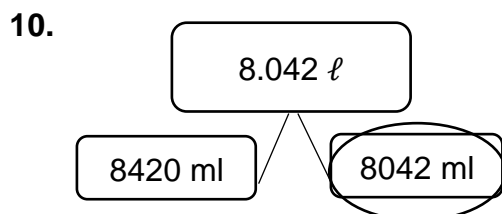
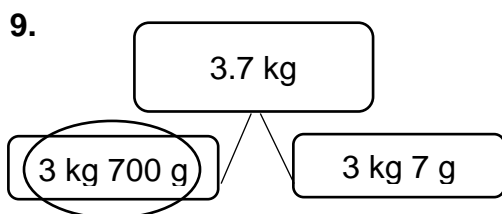
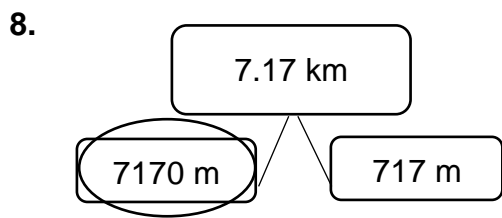
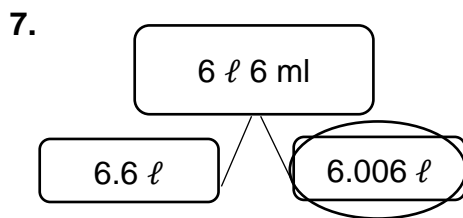
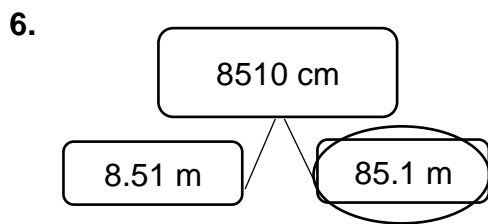
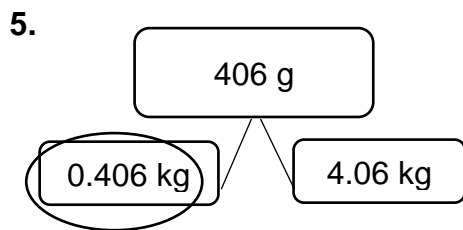
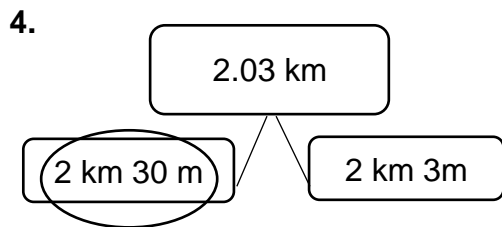
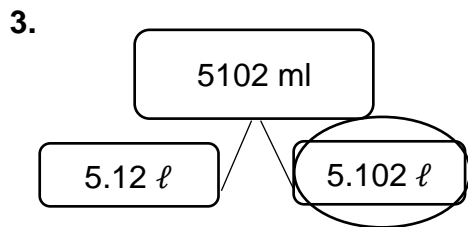
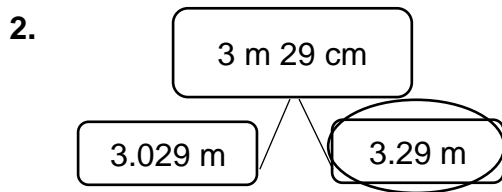
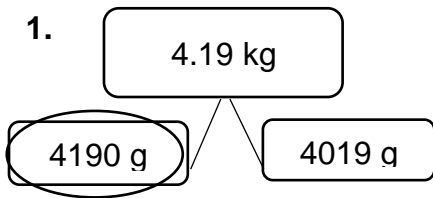
13. 2.24 kg

14. 21.605 kg

15. 4.088 l

16. 9.126 l

Practice 189 Converting Measurements



Practice 190 Converting Measurements

1. 2.045 ℓ
2. 5 kg 208 g
3. 0.76 m
4. 19.35 km
5. 2 ℓ 250 ml
6. 0.97 kg
7. 270 cm

Practice 191 Solving Word Problems

1. \$27.20
2. 18.025 km
3. 18 cm
4. 1042 ml

Practice 192 Solving Word Problems

1. 7.35 m
2. 10
3. \$13.60
4. 265 ml

Practice 193 Solving Word Problems

1. 116 ℓ 800 ml
2. 38.48 km
3. \$8.40
4. 5.25 m

Practice 194 Solving Word Problems

1. 327 m
2. \$21.95
3. 109
4. 15

Practice 195 Solving Word Problems

1. 14.25 g
2. 1 kg 385 g
3. 1.267 ℓ

Practice 196 Solving Word Problems

1. 3.8 m
2. 5.4 kg
3. Cake: \$5.80, Pie: \$7.40

Practice 197 Solving Word Problems

1. 40
2. 298
3. 15.04 kg

Practice 198 Chapter Review 1

- | | |
|-----------|----------|
| 1. 960 | 2. 0.502 |
| 3. 0.395 | 4. 601 |
| 5. 12 900 | 6. 0.403 |

- | | |
|------------|-----------|
| 7. 0.08 | 8. 280.77 |
| 9. 6351.5 | 10. 9.23 |
| 11. 100 | 12. 1000 |
| 13. 10 | 14. 34 |
| 15. 0.997 | 16. 10 |
| 17. 100 | 18. 1000 |
| 19. 50.001 | 20. 1000 |

Practice 199 Chapter Review 2

- | | |
|-----------------|--------------|
| 1. 2040 g | 2. 703 cm |
| 3. 5 ℓ 70 ml | 4. 6.23 km |
| 5. 7 kg 800 g | 6. 4 ℓ 65ml |
| 7. 15 km 620 m | 8. 67.04 m |
| 9. 8008 ml | 10. 0.907 kg |
| 11. 46.82 kg | |
| 12. 4.35 m | |
| 13. 135 ℓ 14 ml | |

Practice 200 Chapter Review 3

1. 12 780 g
2. \$69
3. \$22.52
4. 67 20-cent coins, 133 50-cent coins

Chapter 10 Percentage

Practice 201 Percent

1. 3%
2. 25%
3. 62%
4. 96%
5. 36%
6. 42%
7. 13%
8. 69%
9. 71
10. 35

Practice 202 Percent

1. Shade any 7 squares.
2. Shade any 21 squares.
3. Shade any 88 squares.
4. Shade any 93 squares.
5. 38%
6. 76%
7. 43%

Practice 203 Percentages as Fractions and Decimals

1. $\frac{2}{25}$
2. $\frac{1}{5}$
3. $\frac{3}{25}$
4. $\frac{1}{4}$
5. $\frac{8}{25}$
6. $\frac{9}{25}$

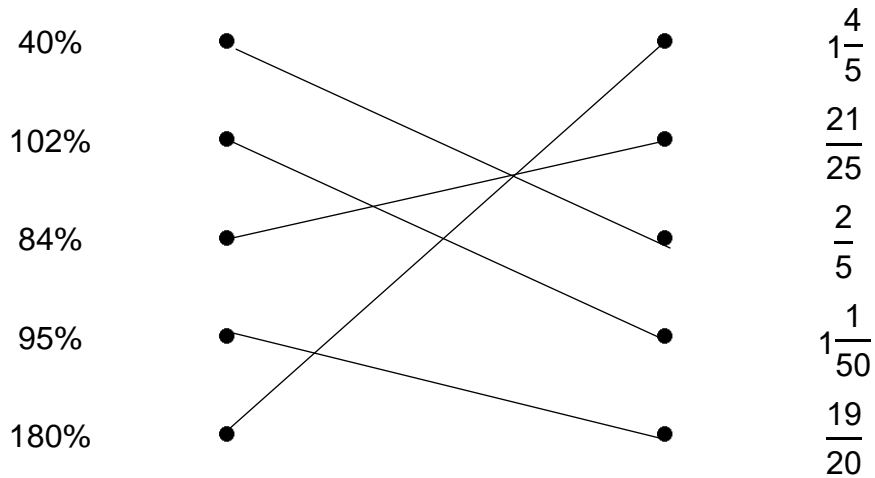
7. $\frac{37}{50}$

8. $\frac{13}{20}$

9. $1\frac{1}{5}$

10. $1\frac{1}{2}$

11.



Practice 204 Percentages as Fractions and Decimals

1. $\frac{9}{50}$

2. $\frac{6}{25}$

3. $\frac{1}{4}$

4. $\frac{3}{8}$

5. $\frac{4}{5}$

Practice 205 Percentages as Fractions and Decimals

- | | |
|-----------|-----------|
| 1. 0.04 | 2. 0.17 |
| 3. 0.24 | 4. 0.3 |
| 5. 0.38 | 6. 0.44 |
| 7. 0.6 | 8. 0.135 |
| 9. 0.449 | 10. 0.72 |
| 11. 0.8 | 12. 0.057 |
| 13. 0.203 | 14. 0.98 |
| 15. 1.17 | 16. 1.4 |
| 17. 2.1 | 18. 2.55 |

Practice 206 Percentages as Fractions and Decimals

1.

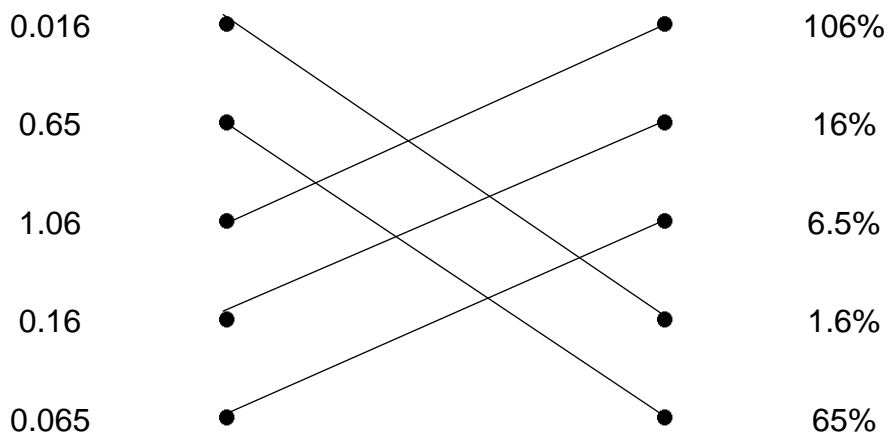
Percentage	Fraction	Decimal
70%	$\frac{7}{10}$	0.7
34%	$\frac{17}{50}$	0.34
6%	$\frac{3}{50}$	0.06
15%	$\frac{3}{20}$	0.15
56%	$\frac{14}{25}$	0.56

48%	$\frac{12}{25}$	0.48
22%	$\frac{11}{50}$	0.22
105%	$1\frac{1}{20}$	1.05
180%	$1\frac{4}{5}$	1.8
220%	$2\frac{1}{5}$	2.2

Practice 207 Decimals and Fractions as Percentages

- | | |
|----------|----------|
| 1. 9% | 2. 13% |
| 3. 19% | 4. 26.5% |
| 5. 37% | 6. 40% |
| 7. 62.9% | 8. 92% |
| 9. 124% | 10. 208% |

11.



Practice 208 Decimals and Fractions as Percentages

1. 37.5%
2. 60%
3. 14%
4. 16%
5. 80%
6. 75%
7. 85%
8. 44%
9. 70%
10. 40%
11. 25%
12. 50%

Practice 209 Decimals and Fractions as Percentages

1. 40%
2. 25%
3. 35%
4. 87.5%
5. 52%

Practice 210 Decimals and Fractions as Percentages

- 1.

Percentage	Fraction	Decimal
18%	$\frac{9}{50}$	0.18
12.5%	$\frac{1}{8}$	0.125
53%	$\frac{53}{100}$	0.53
44%	$\frac{11}{25}$	0.44

65%	$\frac{13}{20}$	0.65
188%	$1\frac{22}{25}$	1.88
70%	$\frac{28}{40}$	0.7
90%	$\frac{9}{10}$	0.9
23%	$\frac{69}{300}$	0.23
135%	$1\frac{7}{20}$	1.35

Practice 211 Percentage of a Quantity

1. 80 m
2. 33.8 ℓ
3. 468 km
4. 364.5 cm
5. 16.8 ml

Practice 212 Percentage of a Quantity

1. \$2.45
2. \$4.13
3. \$10.15
4. \$124.60
5. \$258.30

Practice 213 Percentage of a Quantity

1. \$0.60
2. \$4.35
3. \$31.50
4. \$98.64
5. \$735

Practice 214 Percentage of a Quantity

1. \$240
2. \$300
3. \$800
4. \$3200

Practice 215 Solving Word Problems

1. 24
2. 3
3. 2320 ml
4. 115

Practice 216 Solving Word Problems

1. 210
2. \$3580
3. 18 km

Practice 217 Solving Word Problems

1. \$1064.65
2. \$731.88
3. \$182.52

4. \$24.08

Practice 218 Solving Word Problems

1. \$147.90

2. \$43.12

3. \$49.59

Practice 219 Solving Word Problems

1. \$7650

2. \$101 920

3. \$37 080

4. \$3362

Practice 220 Solving Word Problems

1. \$202.80

2. \$783.99

3. \$152.32

Practice 221 Solving Word Problems

1. 68

2. \$640

3. 735 ml

Practice 222 Solving Word Problems

1. \$20 000
2. 5.7 kg
3. 60

Practice 223 Chapter Review 1

1. 8%
2. 77%
3. 31
4. 93
5. 24%
6. 9
7. Shade any 3 parts.

8.

Percentage	Fraction	Decimal
48%	$\frac{12}{25}$	0.48
40%	$\frac{24}{60}$	0.4
85%	$\frac{17}{20}$	0.85

Practice 224 Chapter Review 2

1. 19.2 cm
2. 13.2 kg
3. 4450 ml

4. True, True

Practice 225 Chapter Review 3

1. \$15 600
2. \$2405.90
3. 1.5 times faster

Chapter 11 Average

Practice 226 Understanding Average

1. 25.25
2. 23.5
3. 5.84
4. 61
5. 121.2

Practice 227 Understanding Average

1. \$52
2. 6.75 kg
3. 8
4. 6
5. 37

Practice 228 Understanding Average

1. 1.46 m
2. 19.25 s
3. 2
4. \$51.20

Practice 229 Understanding Average

1. 416
2. \$265

Practice 230 Understanding Average

- 1.a. 77
- b. 97
2. 84

Practice 231 Understanding Average

1. 34 kg
2. 5.7 km
3. 32
4. 18

Practice 232 Chapter Review 1

1. \$2.03
2. \$4.60
3. \$10.05

Practice 233 Chapter Review 2

1. 168
2. 592 cm
3. \$43.20

Practice 234 Chapter Review 3

1. 88
2. 120

Chapter 12 Rate

Practice 235 Rate

1. \$7.50
2. 11
3. 45
4. 0.17 m

Practice 236 Rate

1. 6
2. 14 minutes
3. 16 minutes
4. 1250 Singapore dollars

Practice 237 Rate

1. 4 ℓ per minute
2. \$4.20
3. 8.4 m²
4. 5 h 15 min

Practice 238 Solving Word Problems

1. 83 minutes
2. 5875
3. \$370

Practice 239 Solving Word Problems

- 1.a. \$6.70
- b. \$6.30
2. 407 km
3. 18

Practice 240 Solving Word Problems

1. 6.5 minutes
2. \$527
3. 344

Practice 241 Solving Word Problems

1. \$44
2. \$40.50

Practice 242 Solving Word Problems

- 1.a. \$32.50
- b. 78 units
- 2.a. 450
- b. 5850

Practice 243 Solving Word Problems

1. \$2.50
2. 9 minutes
3. 123.5 ℓ

Practice 244 Term Review 1

- | | |
|----------|--------------|
| 1. 2.3 | 2. 0.101 |
| 3. 402 | 4. 0.314 |
| 5. 1900 | 6. 0.021 |
| 7. 40 cm | 8. 0.145 kg |
| 9. \$370 | 10. 240.5 kg |

Practice 245 Term Review 2

- | | |
|-------------|---------------|
| 1. 0.878 kg | 2. 5070 g |
| 3. 1.18 ℓ | 4. 3800 ml |
| 5. 0.408 km | 6. 1270 cm |
| 7. 7.07 m | 8. 8 kg 230 g |
| 9. 55.8ℓ | 10. \$13.40 |

Practice 246 Term Review 3

1. Shade any 15 squares.
2. Shade any 87 squares.
3. Circle any 4 teddy bears.

4.

Percentage	Fraction	Decimal
94%	$\frac{47}{50}$	0.94
105%	$1\frac{1}{20}$	1.05
60%	$\frac{42}{70}$	0.6

Practice 247 Term Review 4

1. \$726.53
2. \$109.47
3. \$8703.50
4. \$462.24

Practice 248 Term Review 5

1. \$1540
2. 28
- 3.a. 25%
- b. 12

Practice 249 Term Review 6

1. \$384
2. 426.4 ml
3. 1.46 m

Practice 250 Term Review 7

1. 0.16 km
2. 19 minutes
3. 8460
4. \$5.80

Chapter 13 Angles

Practice 251 Angle Properties

1. 152°
2. 83°
3. 22°
4. 137°

Practice 252 Angle Properties

1. 39°
2. 32°
3. 135°

Practice 253 Angle Properties

1. 235°
2. 287°
3. 158°

Practice 254 Angle Properties

1. 232°
2. 41°
3. $\angle m = 42^\circ, \angle n = 126^\circ$

Practice 255 Angle Properties

1. 64°
2. 38°
3. 70°

Practice 256 Angle Properties

1. 82°
2. 150°
3. 58°

Practice 257 Angle Properties

1. 32°
2. 22°
3. 36°

Practice 258 Angle Properties

1. 118°
2. 84°
3. 252°

Practice 259 Angle Properties

1. 46°
- 2.a. 39°
b. 43°
- 3.a. 109°
b. 19°
4. 40°

Practice 260 Angle Properties

1.

Statement	True	False
$\angle UOT = 123^\circ$	✓	
$\angle SOP = 29^\circ$		✓
$\angle UOP > 29^\circ$		✓

2.a. 34°

b. 147°

Practice 261 Chapter Review 1

1. 139°

2. 293°

3. 59°

4. 49°

5. 299°

6. 58°

Practice 262 Chapter Review 2

1. 101°

2. 37°

3.a. 105°

b. 149°

4. 142°

5. $\angle x = 40^\circ$, $\angle y = 20^\circ$ and $\angle z = 320^\circ$

Practice 263 Chapter Review 3

- 1.a. EOB
- b. DOG
- c. DOB
- 2. 234°
- 3.a. 24°
- b. 57°

Chapter 14 Triangles

Practice 264 Classifying Triangles

- 1. 3
- 2. A, B, D, F and H

Practice 265 Classifying Triangles

- 1. 2
- 2. B, C, F and H

Practice 266 Classifying Triangles

- 1. $\angle ABC = 93^\circ$
 $\angle BAC = 40^\circ$
 $\angle ACB = 47^\circ$
obtuse-angled

2. $\angle PQR = 66^\circ$

$\angle QPR = 48^\circ$

$\angle PRQ = 66^\circ$

acute-angled

3. $\angle XYZ = 44^\circ$

$\angle YXZ = 46^\circ$

$\angle XZY = 90^\circ$

right-angled

4. $\angle DEF = 115^\circ$

$\angle EDF = 26^\circ$

$\angle EFD = 39^\circ$

obtuse-angled

Practice 267 Angle Properties

1. obtuse
2. right
3. acute
4. equilateral
5. isosceles

Practice 268 Sum of Angles in a Triangle

1. 112°
2. 64°
3. 69°
4. 24°

Practice 269 Sum of Angles in a Triangle

1. 72°
2. 95°
3. 52°
4. 98°

Practice 270 Sum of Angles in a Triangle

1. 40°
2. 45°
3. 27°

Practice 271 Sum of Angles in a Triangle

1. X; 38°
2. ✓
3. X; 100°
4. X; 54°

Practice 272 Right-angled, Isosceles and Equilateral Triangles

1. 51°
2. 28°
- 3.a. 48°
b. 42°

Practice 273 Right-angled, Isosceles and Equilateral Triangles

1. 84°
2. 34°
3. 52°

Practice 274 Right-angled, Isosceles and Equilateral Triangles

1. 120°
2. 99°
3. 18°

Practice 275 Right-angled, Isosceles and Equilateral Triangles

1. 57.5°
2. 38°
3. 30°

Practice 276 Finding Unknown Angles

1. 115°
2. 42°
3. 45°

Practice 277 Finding Unknown Angles

1. 32°
2. 33°

Practice 278 Finding Unknown Angles

- 1.a. 114°
b. 48°
- 2.a. 29°
b. 73°

Practice 279 Finding Unknown Angles

1. 140°
- 2.a. 107°

b. 39°

Practice 280 Finding Unknown Angles

1.a. 45°

b. 75°

2.a. 50°

b. 51°

Practice 281 Finding Unknown Angles

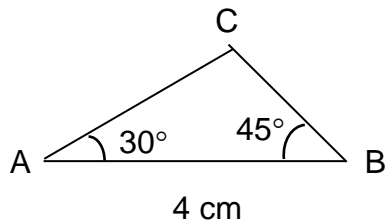
1.a. 133°

b. 100°

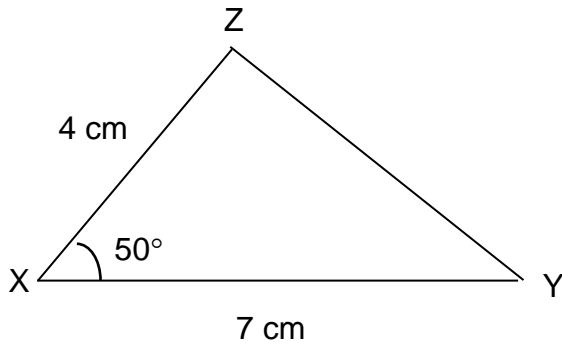
2. 50°

Practice 282 Drawing Triangles

1.

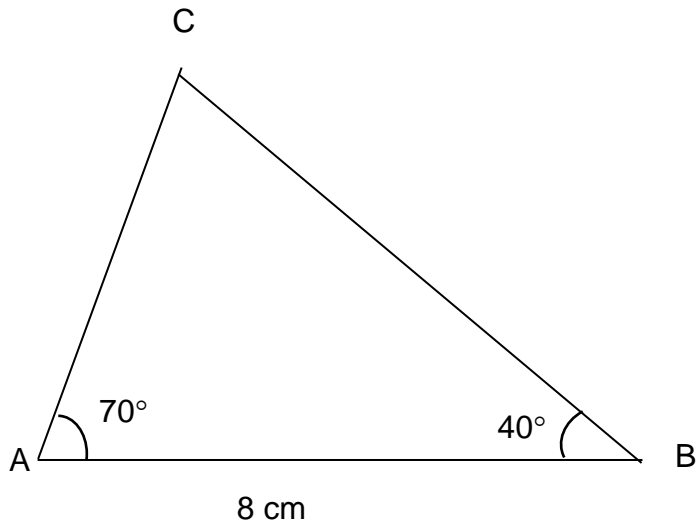


2.

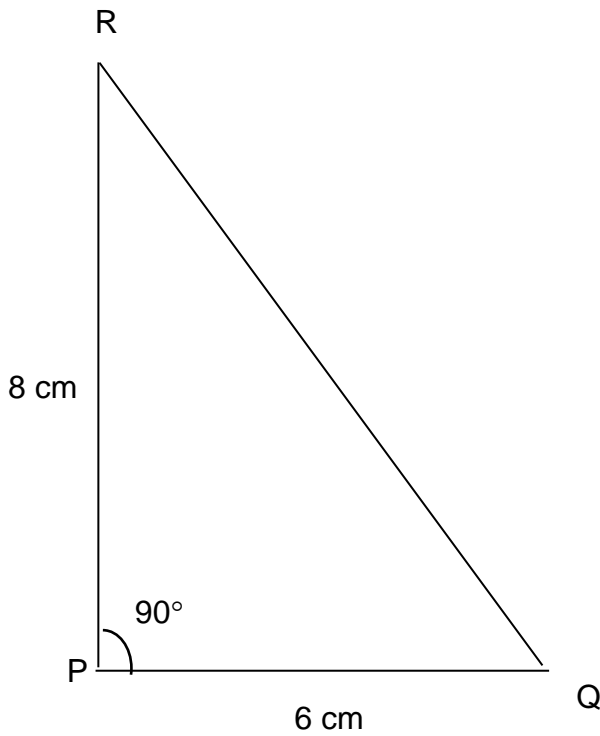


Practice 283 Drawing Triangles

1.

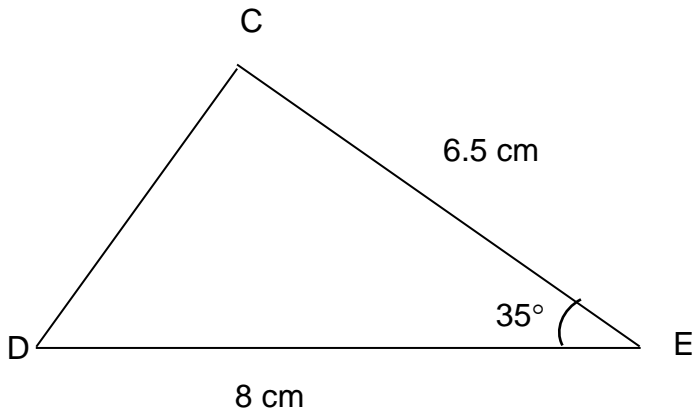


2.

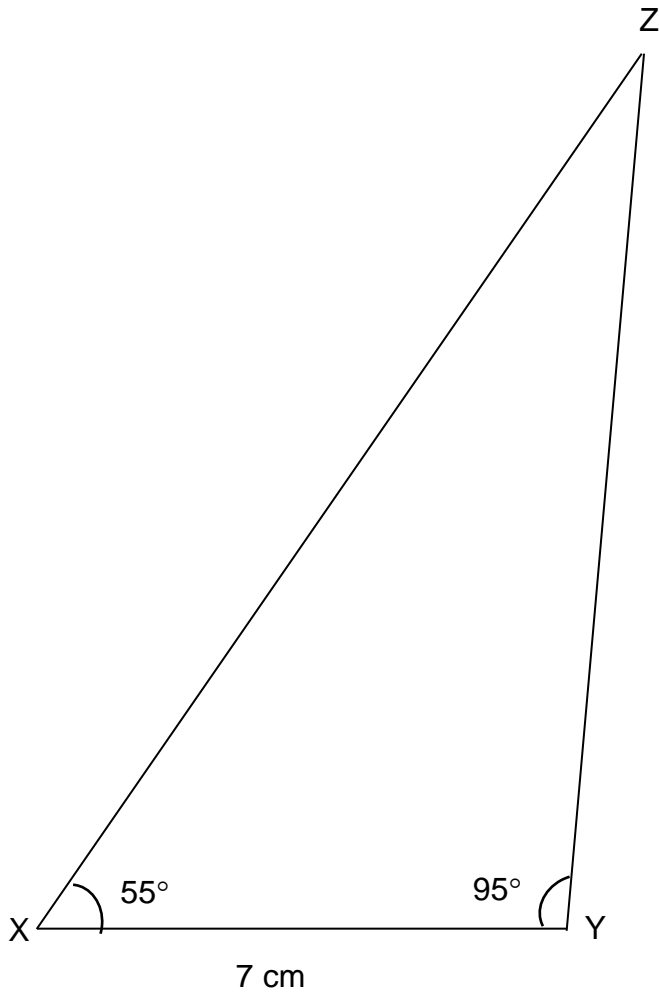


Practice 284 Drawing Triangles

1.

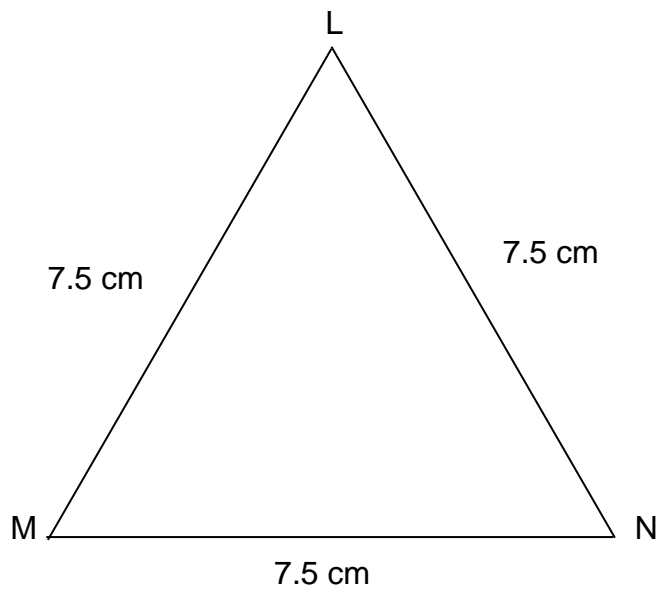


2.

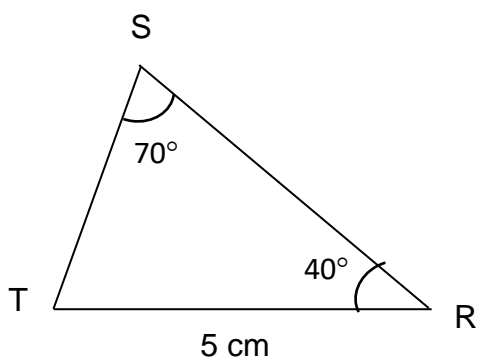


Practice 285 Drawing Triangles

1.

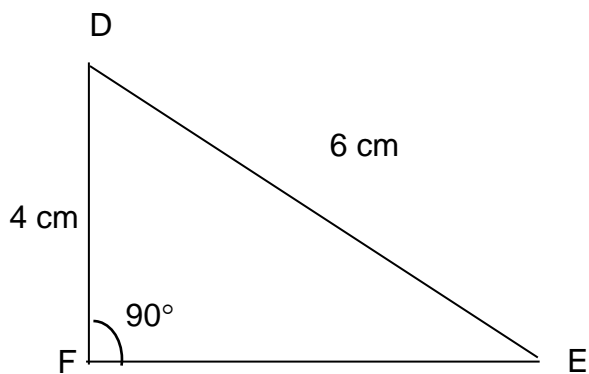


2.



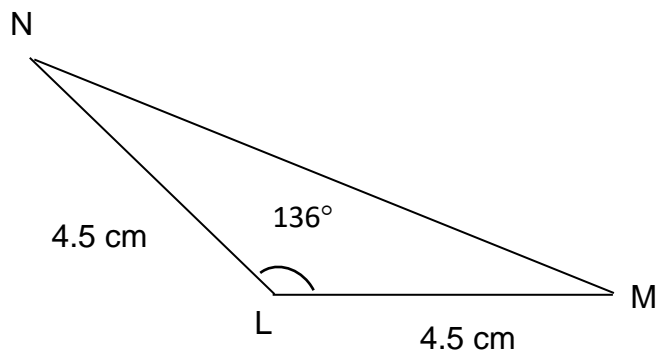
Practice 286 Drawing Triangles

1.



$$\angle FDE = 48^\circ$$

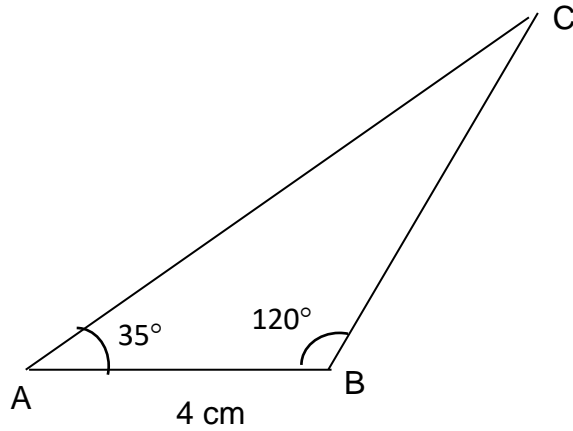
2.



$$MN = 8.3 \text{ cm}$$

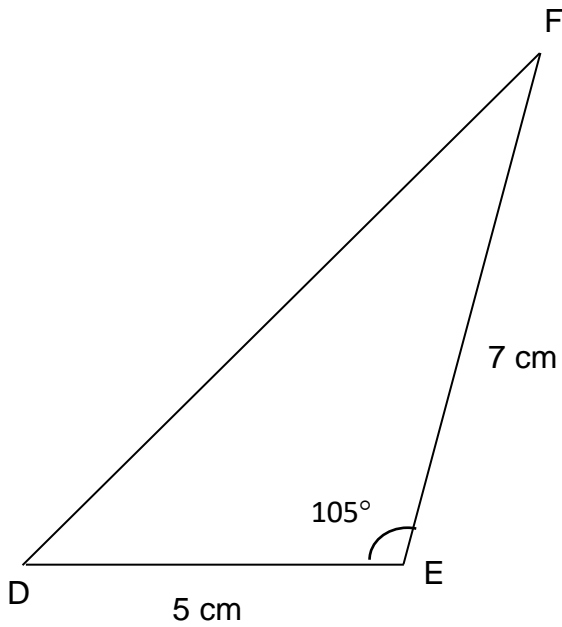
Practice 287 Drawing Triangles

1.



AC = 8.2 cm

2.



$\angle EDF = 44^\circ$

Practice 288 Chapter Review 1

1. F, I, C, G, D, H

2.

Right-angled Triangles	Acute-angled Triangles	Obtuse-angled Triangles
C, H	F, I, D,	G

3.

Equilateral Triangles	Isosceles Triangles
A, F	I, D

Practice 289 Chapter Review 2

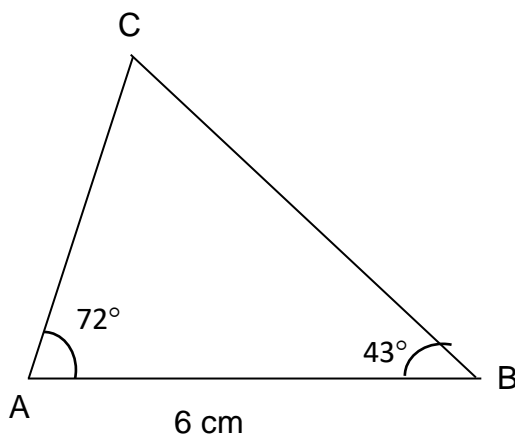
1. 146°

2.a. 49°

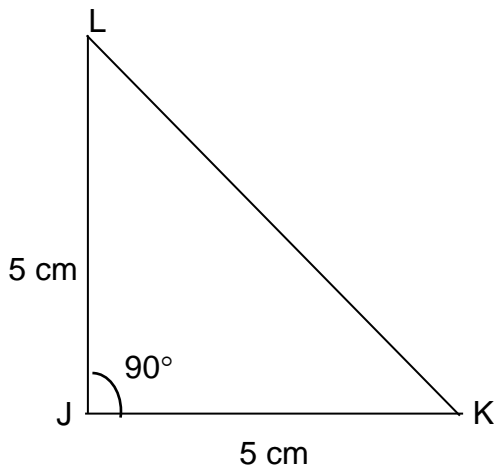
b. 117°

Practice 290 Chapter Review 3

1.



2.

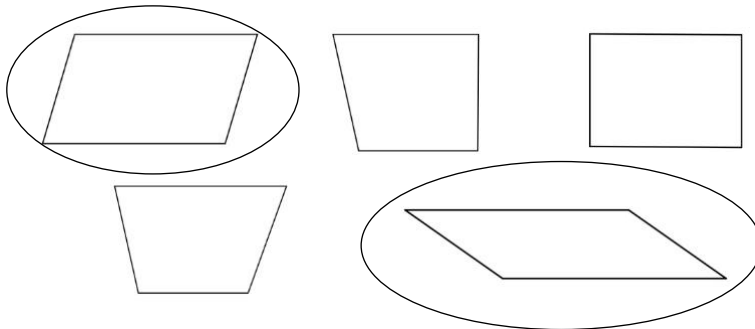


Chapter 15 Quadrilaterals

Practice 291 Parallelograms, Rhombuses and Trapeziums

1. $AB = \underline{DC}$; $AD = \underline{BC}$; $AB \parallel \underline{DC}$; $AD \parallel \underline{BC}$;
 $\angle a + \angle \underline{b} = 180^\circ$; $\angle a + \angle \underline{d} = 180^\circ$; $\angle b + \angle \underline{c} = 180^\circ$; $\angle c + \angle \underline{d} = 180^\circ$;
 $\angle a = \angle \underline{c}$; $\angle a = \angle \underline{d}$

2.



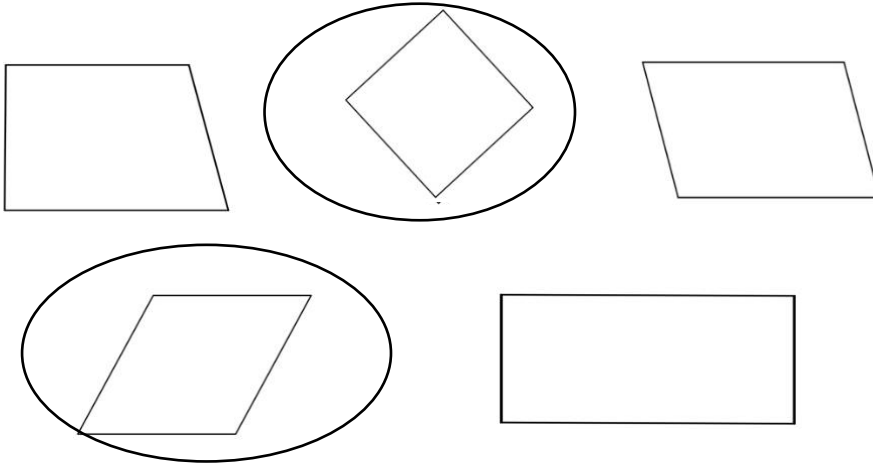
Practice 292 Parallelograms, Rhombuses and Trapeziums

1. 115°
2. 132°
3. 44°
4. 73°

Practice 293 Parallelograms, Rhombuses and Trapeziums

1. $AB = \underline{BC} = \underline{CD} = \underline{DA}$; $AB \parallel \underline{DC}$; $AD \parallel \underline{BC}$;
 $\angle a + \angle \underline{b} = 180^\circ$; $\angle a + \angle \underline{d} = 180^\circ$; $\angle b + \angle \underline{c} = 180^\circ$; $\angle c + \angle \underline{d} = 180^\circ$;
 $\angle a = \angle \underline{c}$; $\angle b = \angle \underline{d}$

2.



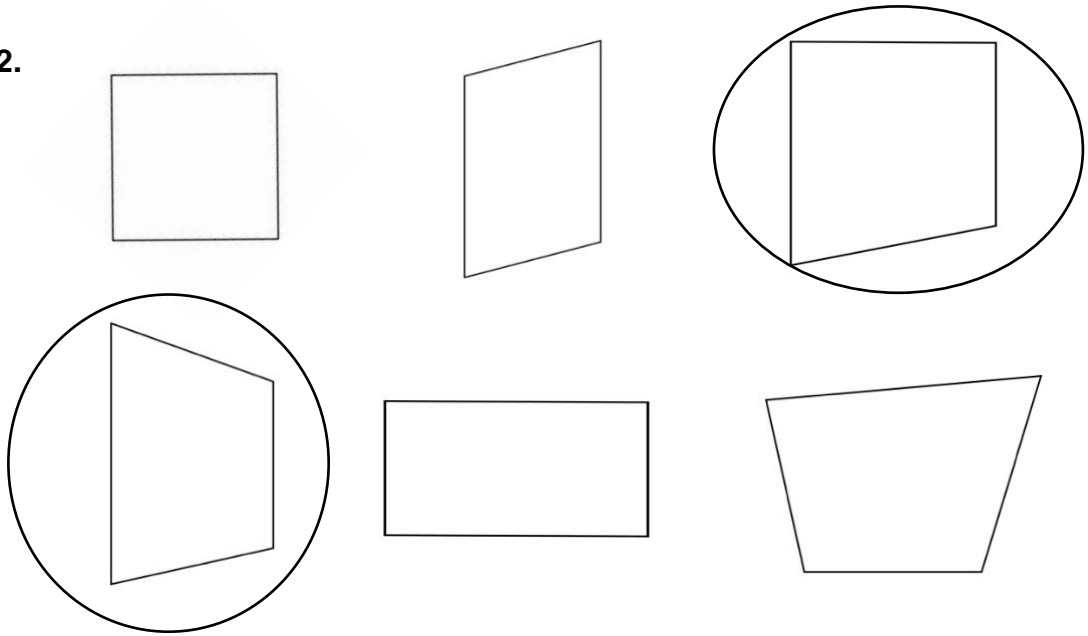
Practice 294 Parallelograms, Rhombuses and Trapeziums

1. 83°
2. 72°
3. 34°
4. 43°

Practice 295 Parallelograms, Rhombuses and Trapeziums

1. DC; b ; c

2.



Practice 296 Parallelograms, Rhombuses and Trapeziums

1. 123°
2. 129°
3. 62°
4. 36°

Practice 297 Parallelograms, Rhombuses and Trapeziums

Statement	True	False	Not possible to tell
$\angle BGF = 70^\circ$		✓	
$\angle GBC = 110^\circ$		✓	

$\angle DEF = \angle CFG$	✓		
$\angle HAB = \angle BCF$			✓
$\angle CDE + \angle CFG = 180^\circ$	✓		
$\angle DEF + \angle AHG = 210^\circ$			✓

Practice 298 Finding Unknown Angles

1. 77°
2. 109°
3. 104°

Practice 299 Finding Unknown Angles

1. 120°
2. 114°
3. 120°

Practice 300 Finding Unknown Angles

1. 53°
- 2.a. 93°
b. 87°

Practice 301 Finding Unknown Angles

1.a. 19°

b. 79°

2.a. 27°

b. 74°

Practice 302 Finding Unknown Angles

1.a. 124°

b. 62°

2.a. 91°

b. 38°

Practice 303 Finding Unknown Angles

1.a. 97°

b. 128°

2. 115°

Practice 304 Finding Unknown Angles

1.a. 136°

b. 30°

2.a. 31°

b. 65°

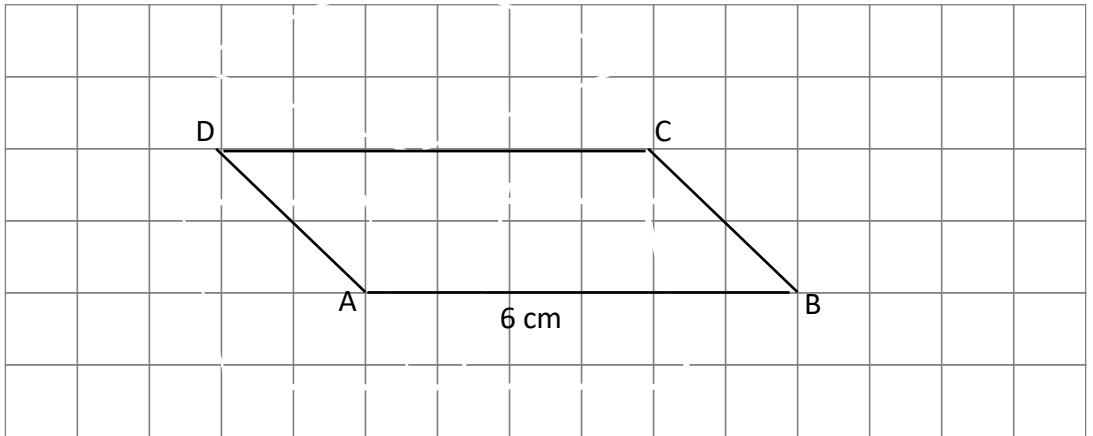
3. 38°

4. 60°

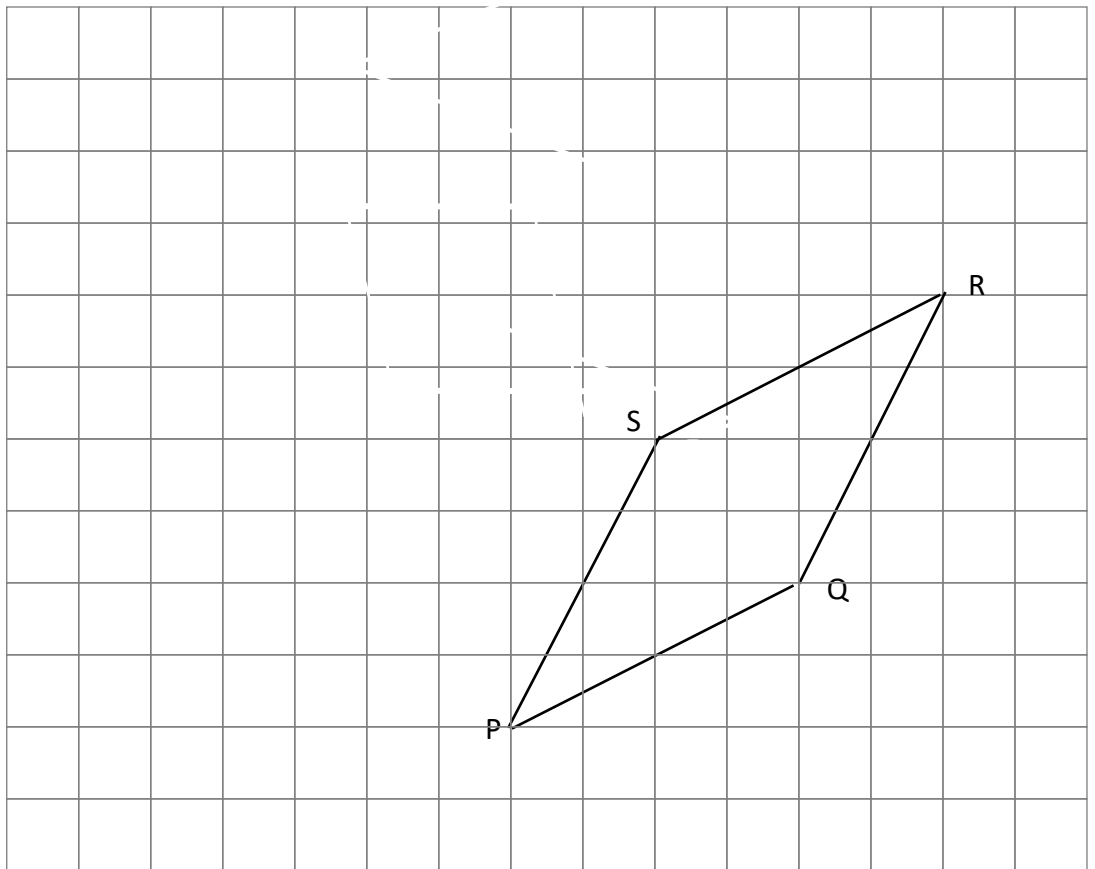
5. 12°

Practice 305 Drawing Four-sided Figures

1.

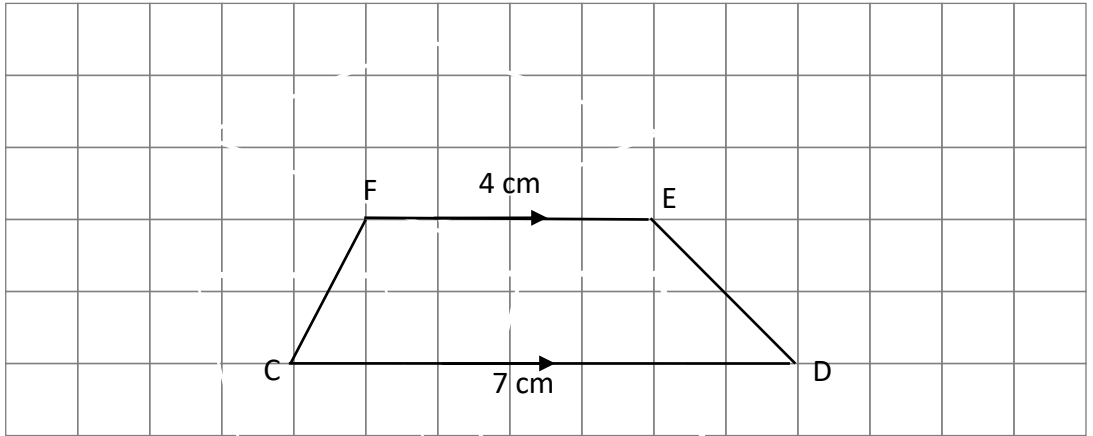


2.

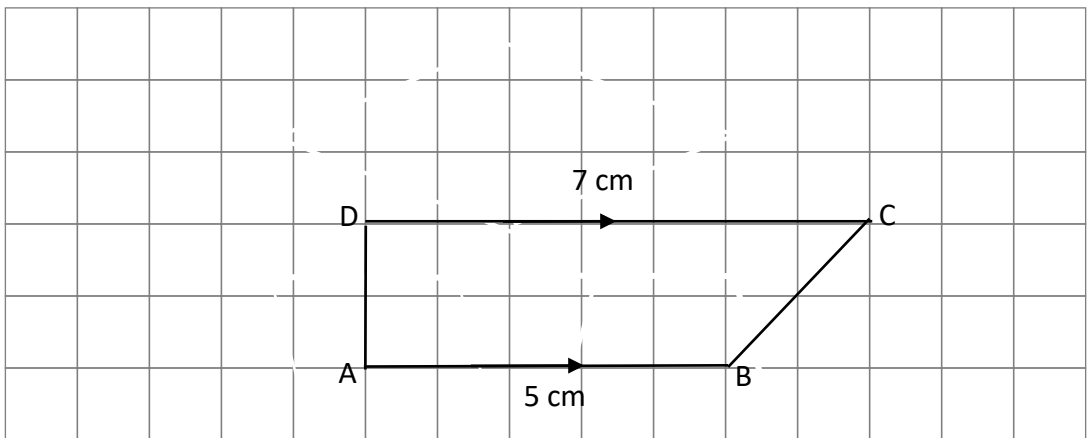


Practice 306 Drawing Four-sided Figures

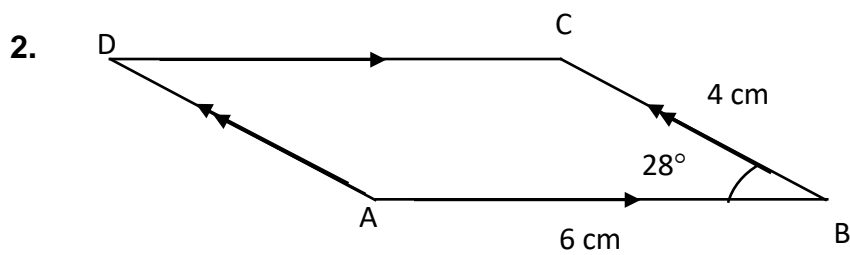
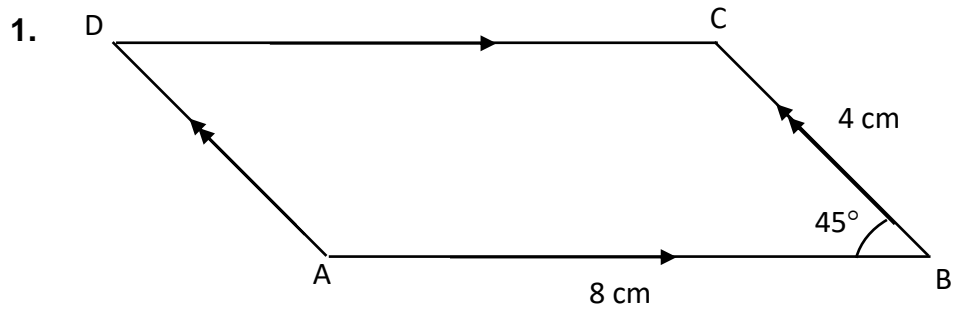
1.



2.

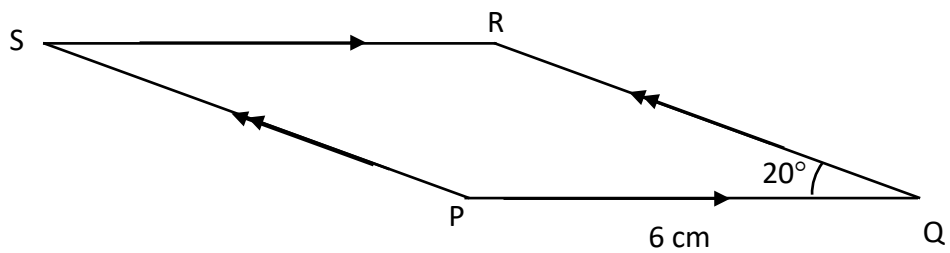


Practice 307 Drawing Four-sided Figures

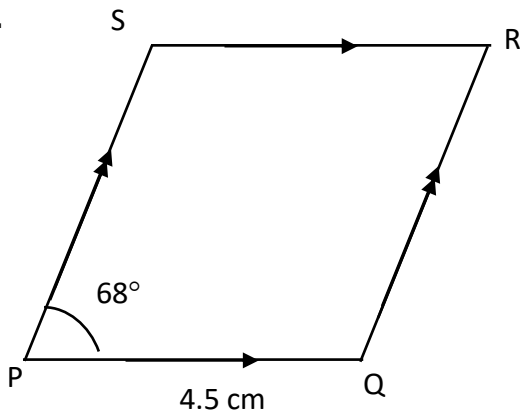


Practice 308 Drawing Four-sided Figures

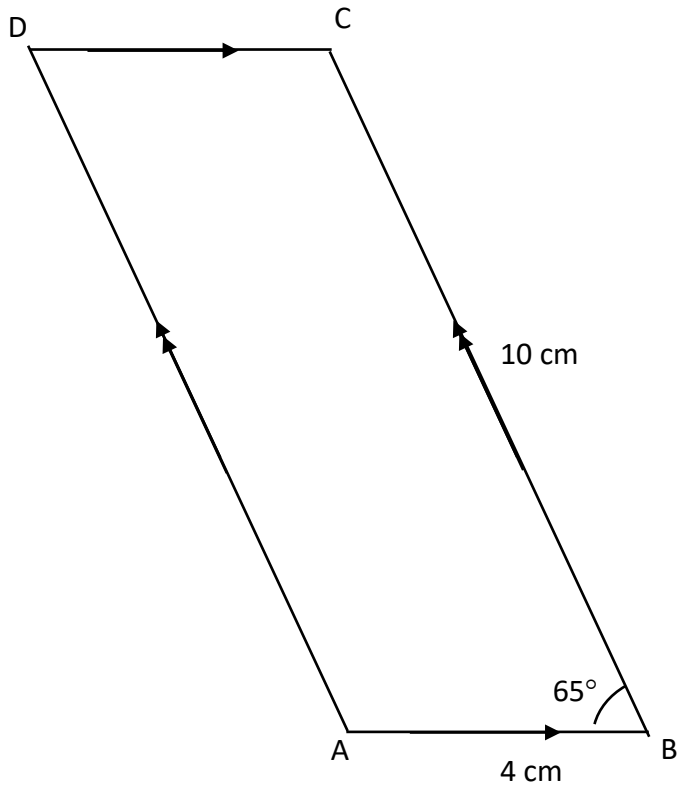
1. If $\angle QPR = 80^\circ$, $\angle PQR = 20^\circ$.



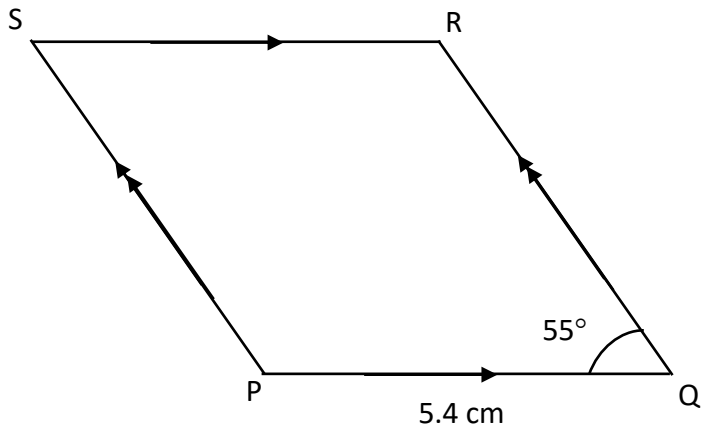
2.



3.

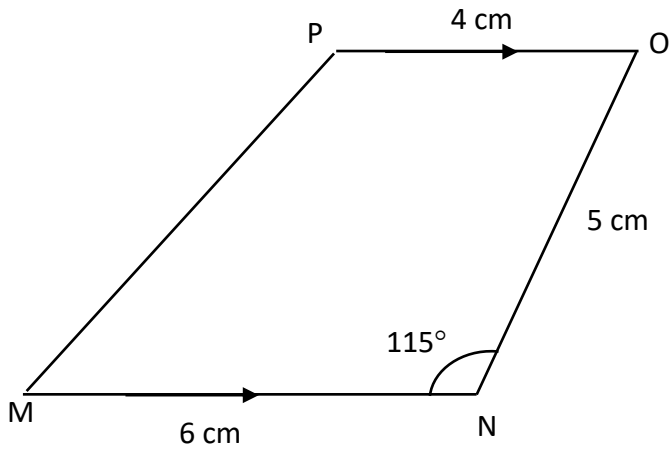


4.

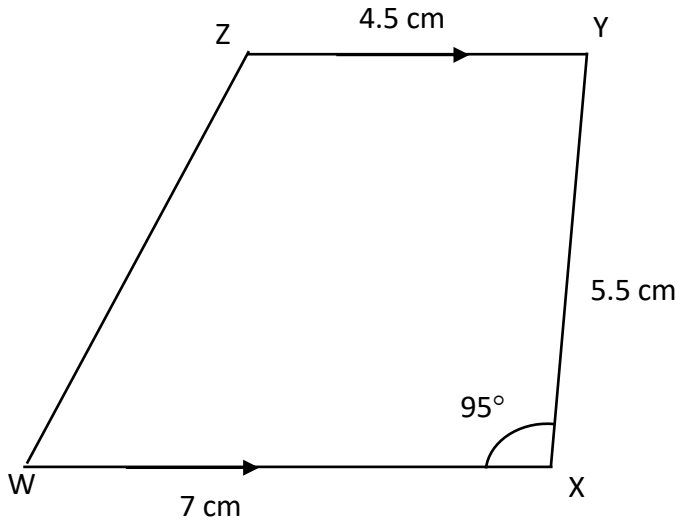


Practice 309 Drawing Four-sided Figures

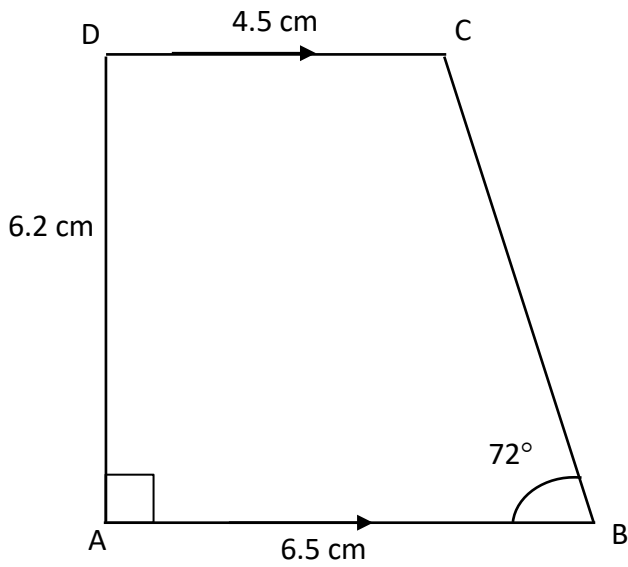
1.



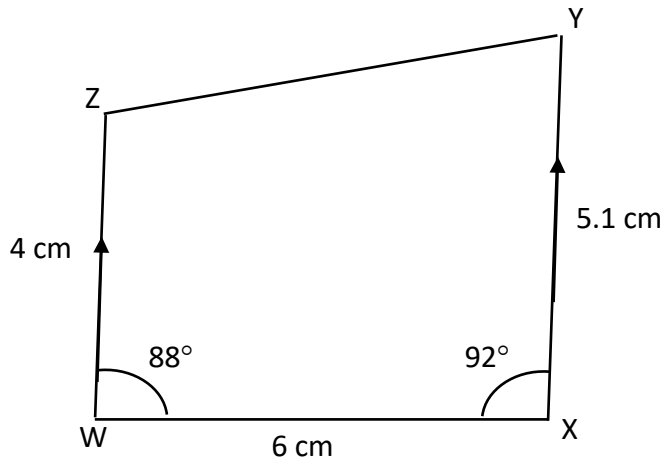
2.



3.

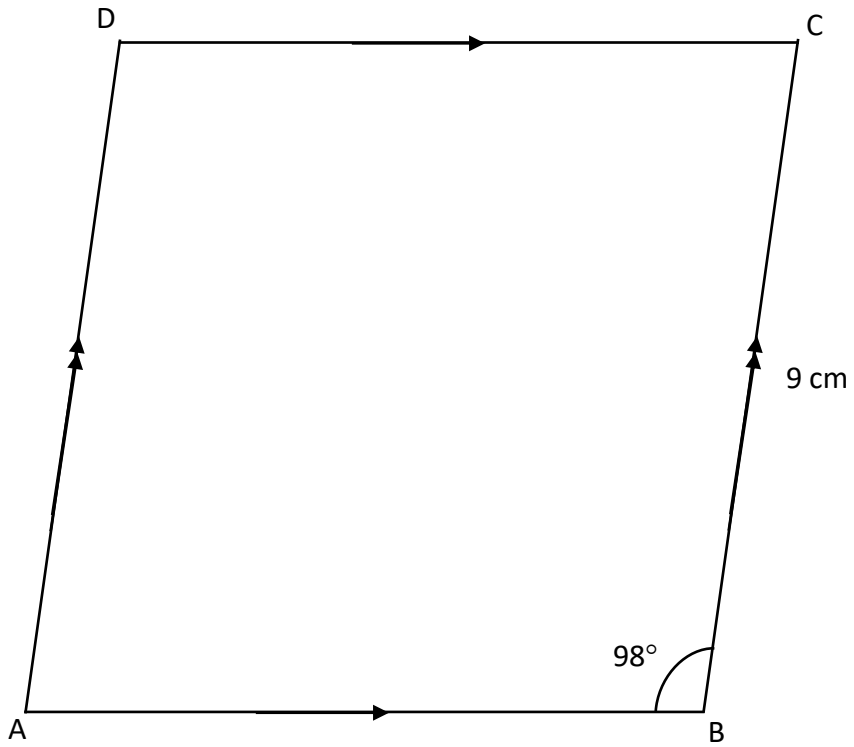


4.

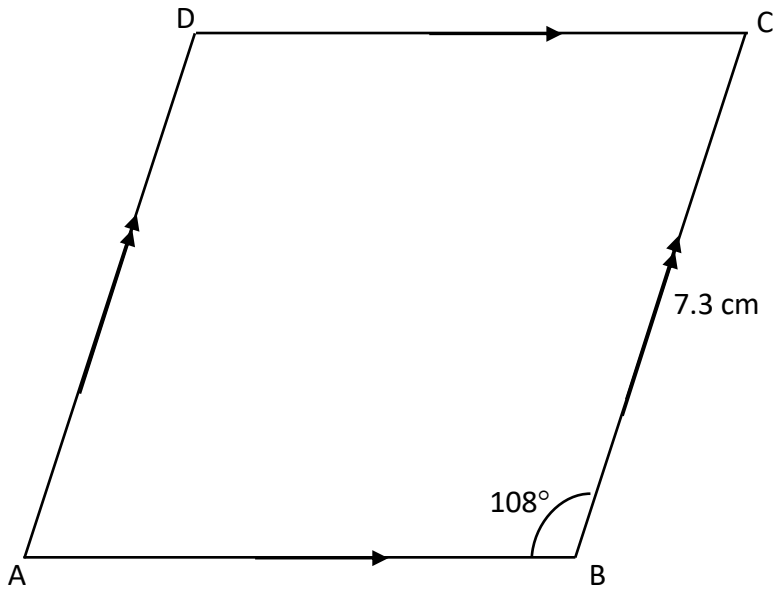


Practice 310 Drawing Four-sided Figures

1.

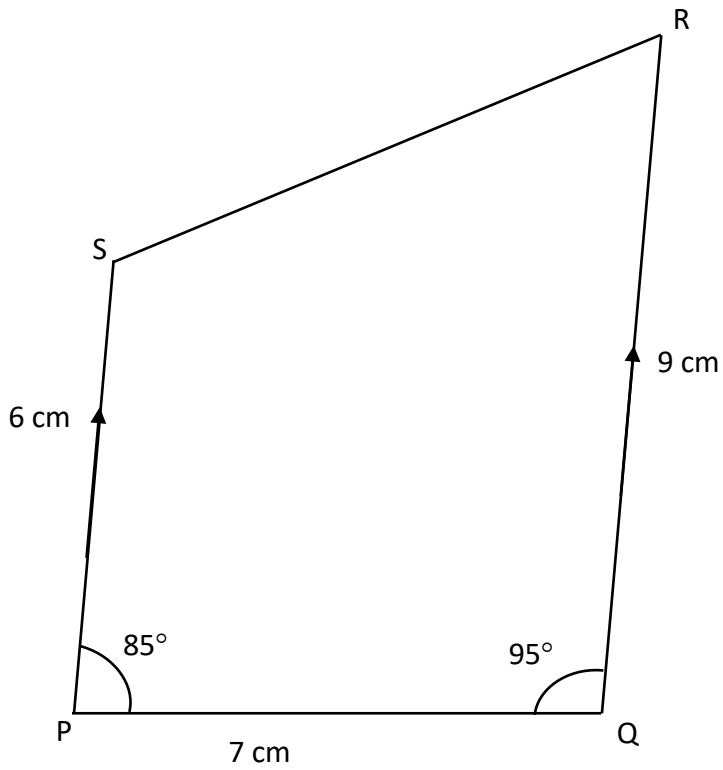


2.

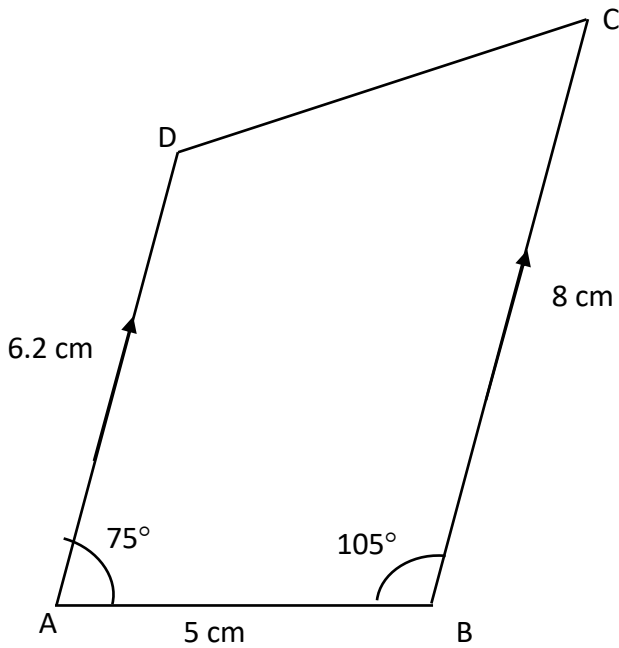


Practice 311 Drawing Four-sided Figures

1.



2.



Practice 312 Semestral Review 1

1. (3)
2. (4)
3. (2)
4. Nine million, five hundred and four thousand, six hundred and fourteen
5. 0.56

Practice 313 Semestral Review 2

1. 5 008 675
2. 17 000
3. 16 090 m
4. 84 cm
5. 11.5 kg
6. 72 min

Practice 314 Semestral Review 3

1. 4
2. 3
3. 3
4. 0.027
5. 551

Practice 315 Semestral Review 4

1. 15 cm^2
2. 126°
3. \$63.75

Practice 316 Semestral Review 5

1. (4)
2. (4)
3. (4)
4. $\frac{9}{14}$
5. \$8.60
6. 1
7. 1
8. 5
9. 5
10. 6
11. 3
12. 5
13. 7
14. $7\frac{4}{5}$
15. 57
16. 105
17. 34

Practice 317 Semestral Review 6

1. 93 010
2. 0.63
3. 4 : 7
4. \$1410.26
5. 21

Practice 318 Semestral Review 7

1. (4)
2. (1)
3. (2)
4. 22 kg
5. 4.08 m
6. 120 kg
7. 70 km
8. 875 cm
9. $52\frac{1}{2}$ ℓ

Practice 319 Semestral Review 8

1. 98 cm
2. \$7210
3. \$6.80

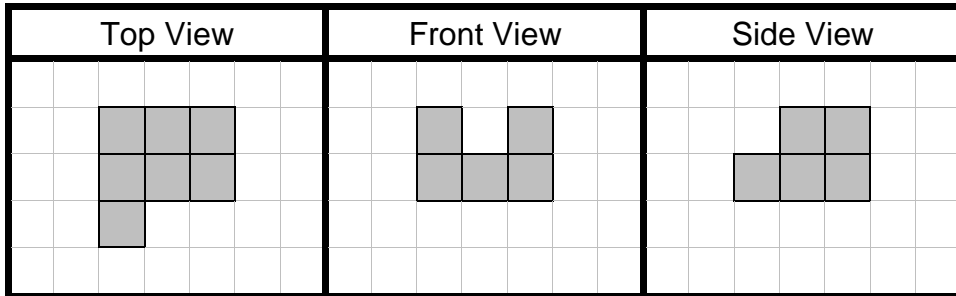
Practice 320 Semestral Review 9

1. (2)
2. (4)
3. (1)
4. 1945 m

Practice 321 Semestral Review 10

1.a. 10 cm^3

b.



2. 97°

Practice 322 Semestral Review 11

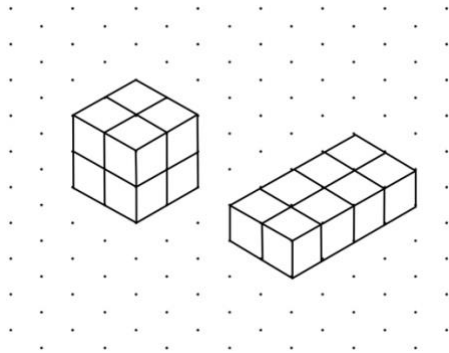
1. (1)
2. (3)
3. (2)
4. 0.405
5. No. $\angle BAC = 48^\circ$ and $\angle BCA = 85^\circ$. All the angles in triangle ABC are different.

Practice 323 Semestral Review 12

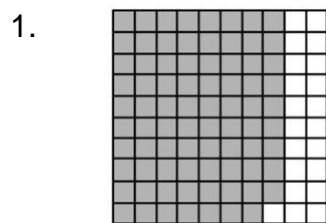
1. 2 km 9m, 2.019 km, 2.09 km, 2109 m
2. $\frac{7}{10} \ell$
3. \$199
4. $10\,800 \text{ cm}^3$

Practice 324 Semestral Review 13

1. (3)
2. (4)
3. (1)
4. 1.4 m
5. \$17.80
6. 20 cubic units
7. 88 cm^3
8. Accept any other reasonable answers.



Practice 325 Semestral Review 14



- 2.a. 9 : 10
- b. 57
3. \$16.35

Practice 326 Semestral Review 15

1. (3)
2. (4)
3. 4
4. 320
5. 9 minutes

Practice 327 Semestral Review 16

1. 468 cm²
2. \$41.70
3. 1.25 kg

Practice 328 Semestral Review 17

1. (4)
2. (2)
3. (2)
4. 7.5 km, $7\frac{3}{7}$ km, $7\frac{1}{3}$ km, 7 km 50 m
5. 13.82

6.

Top View	Front View	Side View

7. 27 ℓ 200 ml
8. 336

Practice 329 Semestral Review 18

1. 8 306 009
2. 49%
3. 120°
4. \$64.80

Practice 330 Semestral Review 19

1. (4)
2. (2)
3. (3)
4. 162 km
5. 37

Practice 331 Semestral Review 20

1. 5.19 m
2. 3.013 km
3. 6070 ml
4. 7.002 kg
5. \$48
6. (a) and (d)

Practice 332 Semestral Review 21

1. (4)
2. (3)
3. (2)

Practice 333 Semestral Review 22

1. $\frac{16}{25}$
2. 48%
- 3.a. \$1.40
- b. \$4.20
- c. \$9.70
4. (2)
5. (4)
6. (2)
7. 385 g
8. 289 cm²

Practice 334 Semestral Review 23

1. (2)
2. (4)
3. (3)
4. 1.73 , 1.732 , $1\frac{3}{4}$, $1\frac{4}{5}$
5. 1920

Practice 335 Semestral Review 24

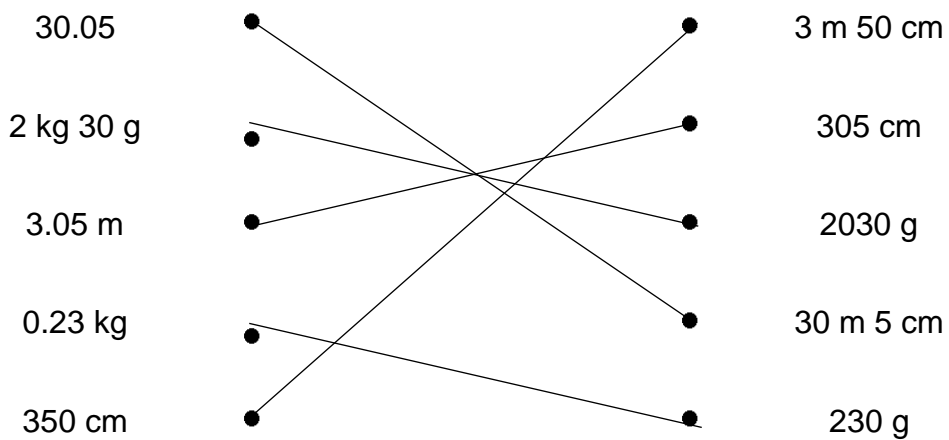
1. F
2. B
3. C; F
4. A; D
5. 57.5
6. F, D, A, E, C, B

Practice 336 Semestral Review 25

1. 1 205 000
2. 33 years old
3. 81
4. \$215

Practice 337 Semestral Review 26

1. (2)
2. (1)
3. (3)
- 4.



Practice 338 Semestral Review 27

1. 32
2. $\frac{4}{9}$
3. 3.04 m
4. 6010 m

5. 75 minutes

6.a. 33°

b. 57°

Practice 339 Semestral Review 28

1. 4

2. 3

3. 2

4. 79.75

Practice 340 Semestral Review 29

1. \$1404

2. \$66

3. \$2700

4. \$8796

5. (4)

6. (1)

7. (2)

8. 66

9. 18

Practice 341 Semestral Review 30

1. 46 : 35

2. 5 : 2 : 3

3. 4190

4. 215

5. 14 040

6. 19 boys and 13 girls

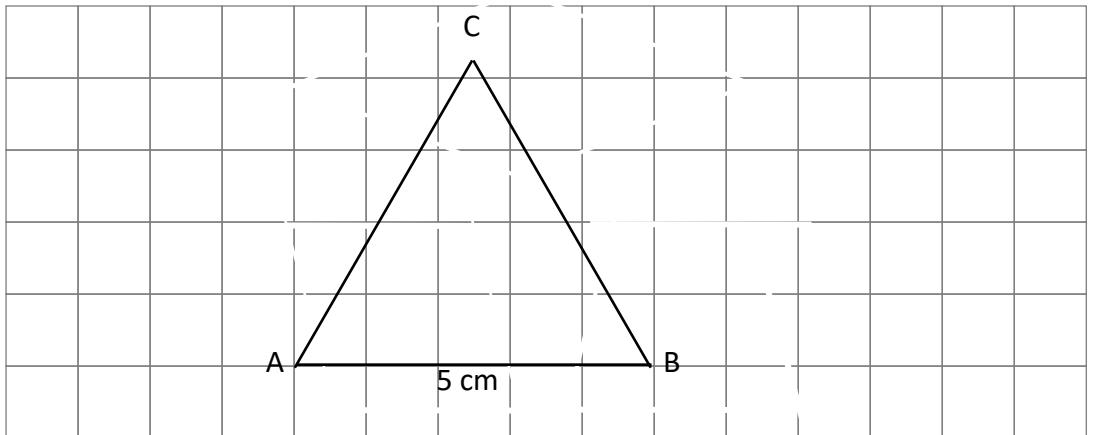
7. \$1500

Practice 342 Semestral Review 31

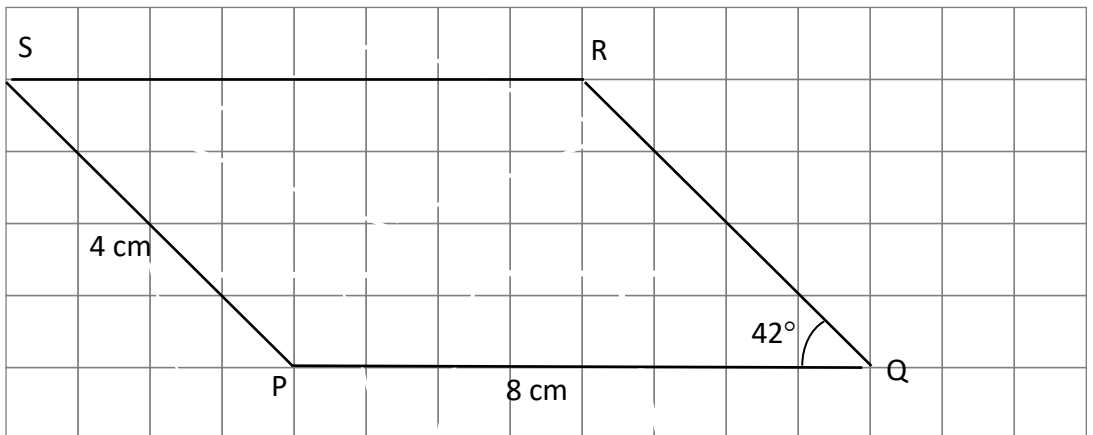
1. (4)
2. (1)
3. (4)
4. (1)
5. $1\frac{11}{12}$ m

Practice 343 Semestral Review 32

1.



2.



3. (1)
4. (2)
5. (2)
6. $5\frac{1}{9}$
7. 440

Practice 344 Semestral Review 33

1. (4)
2. (4)
3. (2)
4. 0.73

Practice 345 Semestral Review 34

- 1.a. 13°
b. 107°
2. 3.2 ℓ per minute

Practice 346 Semestral Review 35

1. 144 cm²
- 2.a. 12
b. 1368 cm³

Practice 347 Semestral Review 36

1. (4)
2. (2)
3. (3)

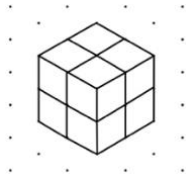
4. 9 809
5. 7.25
6. 0.102
7. 3.405
8. 747

Practice 348 Semestral Review 37

1. 405
2. 448
3. 93 s
- 4.a. 20
- b. 1224 cm^3

Practice 349 Semestral Review 38

1. (2)
2. (1)
3. (1)
- 4.



5. \$39.59
6. 60
7. \$179.50

Practice 350 Semestral Review 39

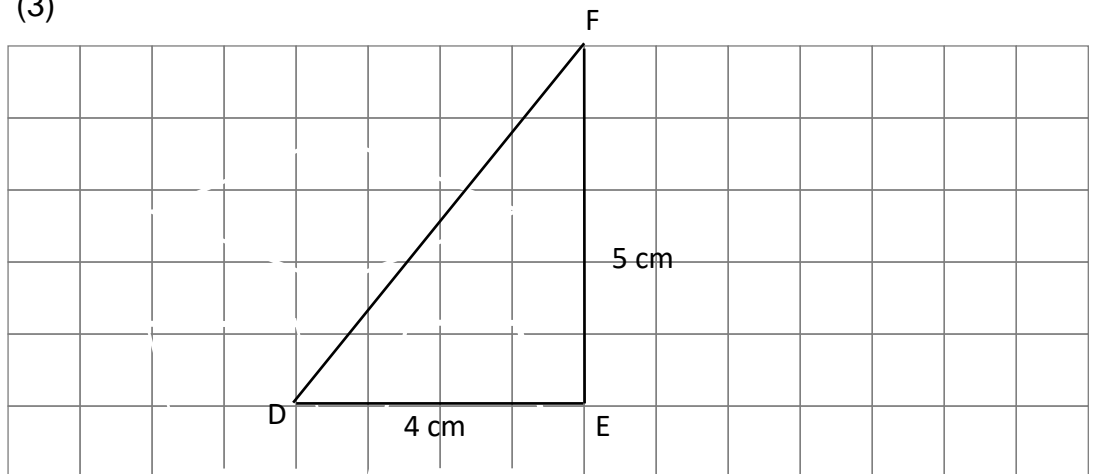
1. (4)
2. (4)

- 3. (2)
- 4. 4 053 020
- 5. 83
- 6.a. 18%
- b. 1300
- 7.a. 78°
- b. 100°

Practice 351 Semestral Review 40

- 1. (1)
- 2. (4)
- 3. (3)

4.



- 5. 13 years
- 6. 800 g

Practice 352 Semestral Review 41

- 1. (3)
- 2. (1)
- 3. (4)

4. 12.5%
5. 1.5 m
- 6.a. \$8240
- b. \$5356
7. 90 minutes

Practice 353 Semestral Review 42

1. \$23.40
2. 750 cm
3. 24 km
4. \$450

Practice 354 Semestral Review 43

1. \$9.60
2. 24
3. 14 days

Practice 355 Semestral Review 44

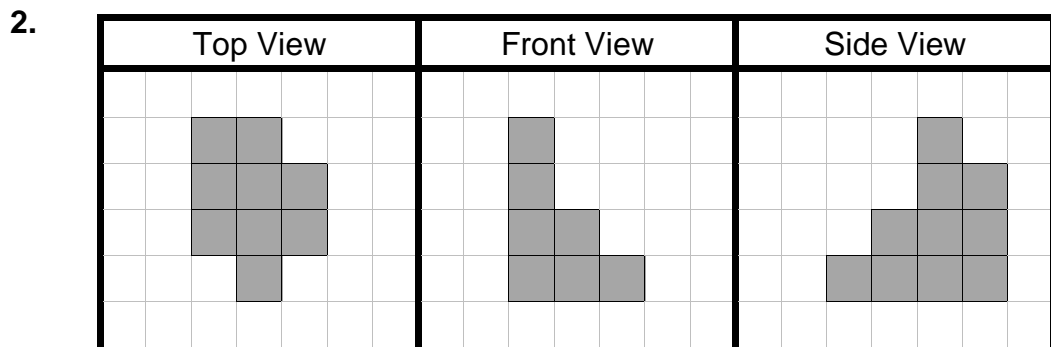
1. (3)
2. (2)
3. (4)
4. 64
5. $2\frac{7}{9}$
- 6.a. 144°
- b. 100°

Practice 356 Semestral Review 45

1. (2)
2. (2)
3. (3)
4. Five million, three hundred and twenty-one thousand, three hundred and twenty
5. \$553.50
- 6.a. $12\,560\text{ cm}^3$
- b. $12\,640\text{ cm}^3$

Practice 357 Semestral Review 46

- 1.a. 13
- b. 21



3. 54 cm^2

Practice 358 Semestral Review 47

1. (3)
2. (3)
3. (2)
4. $1\frac{29}{40}$

5. 15 : 10 : 6

Practice 359 Semestral Review 48

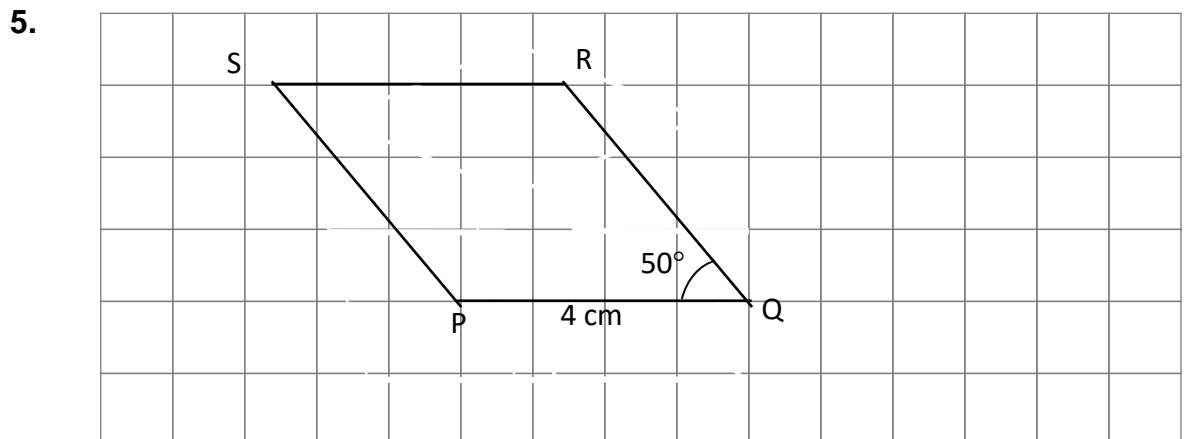
1. (2)
2. (4)
3. (3)
4. 0.208
5. 100

Practice 360 Semestral Review 49

1. 39
2. \$156

Practice 361 Semestral Review 50

1. (3)
2. (3)
3. (2)
4. 0.59, 0.645, $\frac{7}{9}$, $\frac{6}{7}$



- 6.a. 3 litres per minute
- b. $58\,000\text{ cm}^3$

Practice 362 Semestral Review 51

- 1. 216°
- 2. 9
- 3.a. 23
- b. 110
- 4. 60

Practice 363 Semestral Review 52

- 1. 4 minutes
- 2. 16 m

Practice 364 Semestral Review 53

- 1.a. 88
- b. 97
- 2.a. 213°
- b. 65°

Practice 365 Semestral Review 54

- 1.a. 3 : 2 : 7
- b. \$216