

PAGE 112

1.
(a) cm^2
(b) cm^2
(c) m^2
(d) cm^2
(e) m^2
(f) cm^2
(g) m^2
(h) m^2
(i) cm^2
(j) m^2
2.
(a) 16cm^2
(b) 18cm^2
(c) 12cm^2
(d) 22cm^2
(e) 25cm^2
(f) 13cm^2
(g) 13cm^2

PAGE 113

1.
Head: 12cm^2 , 16cm ;
Eye: 1cm^2 , 4cm ;
Body: 40cm^2 , 28cm ;
Tail: 3cm^2 , 8cm ;
Leg: $(x2)$, 6cm^2 , 16cm ;
Whole dog: 61cm^2 , 56cm
3.
(a) (i) 36cm^2
(ii) 12cm^2
(iii) 18cm^2
(b) (i) 16cm
(ii) 24cm
(c) $\frac{2}{3}$
(d) square
(e) $\frac{1}{3}$
4.
(i) (a) 14cm^2
(b) 30cm
(ii) (a) 14cm^2
(b) 18cm
(iii) (a) 11cm^2
(b) 24cm
(iv) (a) 9cm^2
(b) 20cm
(v) (a) 16cm^2
(b) 24cm

PAGE 114

1.
(a) 12cm^2
(b) 9cm^2
(c) 12cm^2
(d) 20cm^2
(e) 15cm^2
2.
(a) 10cm^2
(b) 4cm^2
(c) 54cm^2
(d) 24cm^2
(e) 24cm^2
(f) 72cm^2
3.
(a) 18cm^2
(b) 14cm^2
(c) 24cm^2
(d) 18cm^2

PAGE 115

1.
(a)
Length: 4cm
Width: 2cm
Area: 8cm^2
Perimeter: 12cm
(b)
Length: 3cm
Width: 3cm
Area: 9cm^2
Perimeter: 12cm
(c)
Length: 5cm
Width: 4cm
Area: 20cm^2
Perimeter: 18cm
(d)
Length: 4cm
Width: 3cm
Area: 12cm^2
Perimeter: 14cm
2.
(a) 250m^2
(b) 315cm^2
(c) 456m^2
(d) 126cm^2
3.
(a) 76cm
(b) 361cm^2
(c) 152cm
4.
(a) $\text{€}483$
(b) $\text{€}17$
5.
(a) 34m
(b) $\text{€}238$
(c) $\text{€}1,056$
(d) $\text{€}444$

Challenge: 64cm^2

PAGE 116

1.
(a) 55cm^2
(b) 42m^2
(c) 96cm^2
(d) 31.5cm^2
(e) 51cm^2
(f) $1,425\text{m}^2$
(g) 133m^2
(h) 128cm^2
(i) 195cm^2
(j) 408cm^2
(k) 672m^2
(l) $1,422\text{cm}^2$
2.
(a) 4cm
(b) 8cm
(c) 8m
(d) 19m
3.
(a) 20cm
(b) 38m
(c) 46cm
(d) 48m
4.
(a) 35cm^2
(b) 66m^2
(c) 168m^2
(d) 322cm^2
5.
(a)
Length: 9cm
Width: 3cm
Area: 27cm^2
Perimeter: 24cm
(b)
Length: 6cm
Width: 5cm
Area: 30cm^2
Perimeter: 22cm
(c)
Length: 9cm^2
Width: 7cm
Area: 63cm^2
Perimeter: 32cm
(d)
Length: 8cm
Width: 6cm
Area: 48cm^2
Perimeter: 28cm
(e)
Length: 11m
Width: 8m
Area: 88m^2
Perimeter: 38m
(f)
Length: 15m
Width: 12m
Area: 180m^2
Perimeter: 54m
(g)
Length: 24m
Width: 13m
Area: 312m^2
Perimeter: 74m

- h)**
Length: 15m
Width: 14m
Area: 210m^2
Perimeter: 58m

PAGE 117

1.
(a) $x = 4\text{cm}$, $y = 5\text{cm}$
(b) $x = 2\text{cm}$, $y = 5\text{cm}$
(c) $x = 6\text{cm}$, $y = 6\text{cm}$
2.
(a)
Perimeter: 30cm
Area: 45cm^2
(b)
Perimeter: 54cm
Area: 92cm^2
(c)
Perimeter: 34cm
Area: 63cm^2
(d)
Perimeter: 42cm
Area: 74cm^2
(e)
Perimeter: 74cm
Area: 92cm^2
(f)
Perimeter: 76cm
Area: 300cm^2

PAGE 118

1.
(i) 68cm
(ii) 280cm^2
2.
A 30cm ; 48cm^2
B 26cm ; 36cm^2
C 26cm ; 34cm^2
D 26cm ; 40cm^2
E 28cm ; 45cm^2
F 32cm ; 55cm^2
3. (i) F
(ii) C
4. (i) F
(ii) B, C and D
5. B, C and D
- Challenge:** 22cm^2

WEEK 25 pages 74-76

Monday

1. 08:20
2. 80
3. $\frac{3}{4}$
4. 9
5. 100,005
6. 4.2
7. Teacher check
8. 35,496
9. 120
10. 01
11. 22.4
12. $\frac{3}{4}$
13. 2
14. 07
15. 17
16. 5
17. rectangle

18. 48
19. 40
20. 1,700

Tuesday

1. 22:15 hours
2. 8
3. 625
4. 9,000
5.
6. 25
7. 3
8. 15
9. hexagonal pyramid
10. 15, 1.5, 1.05, 0.15
11. tenths
12. 18
13. 6
14. 4
15. 25
16. 70
17. 5
18. 10
19. 15
20. 20

Wednesday

1. 00:05 hours
2. $\frac{8}{10}$ or $\frac{4}{5}$
3. 20,220
4. $\frac{1}{2}$
5. 100,004
6. 29,899
7. 48
8. 7
9. 12
10. 03
11. Teacher check
12. 9,200
13. 11.7
14. 12
15. 65
16. equilateral
17. 100
18. 77.98
19. 60
20. 339,000

Thursday

1. 12:10 hours
2. 135°
3. 50
4. 11,999
5. 100,006
6. $\frac{2}{3}$
7. 9,000
8. False
9. 8
10. scalene
11. 440,004
12. 0

13. 38.17
14. Teacher check
15. 9
16. 144
17. 4
18. 14
19. 19.20
20. 31,204

Problem-solving

Monday

1. 180
2. 60

Tuesday

1. 48
2. 360

Wednesday

1. 52
2. 2 in 5

Thursday

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

Friday review

1. 00:05
2. 45
3. 35
4. $\frac{1}{2}$
5. $\frac{3}{4}$
6. 25,000
7. 38
8. 16
9. 29.20
10. 775
11. 10 and 8
12. 20,450
13. 04
14. 81
15. 7.50
16. False
17. nonagon
18. 120
19. 39.34
20. Teacher check
21. 7
22. 7
23. rectangle
24. 6
25. 24