

18. 48
19. 40
20. 1,700

Tuesday

1. 22:15 hours
2. 8
3. 625
4. 9,000
5. $\square$
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

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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. 16
16. 5
17. rectangle

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

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(d) 3hrs 5m

(e) 1 1/2

(f)

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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

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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

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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

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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

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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

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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: 92cm²

(c)
Perimeter: 34cm
Area: 63cm²

(d)
Perimeter: 42cm
Area: 74cm²

(e)
Perimeter: 74cm
Area: 92cm²

(f)
Perimeter: 76cm
Area: 300cm²

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1.

- (i) 68cm
- (ii) 280cm²

2.

- A 30cm; 48cm²
- B 26cm; 36cm²
- C 26cm; 34cm²
- D 26cm; 40cm²
- E 28cm; 45cm²
- F 32cm; 55cm²

- 3. (i) F
- (ii) C

- 4. (i) F
- (ii) B, C and D

5. B, C and D

Challenge: 22cm²

