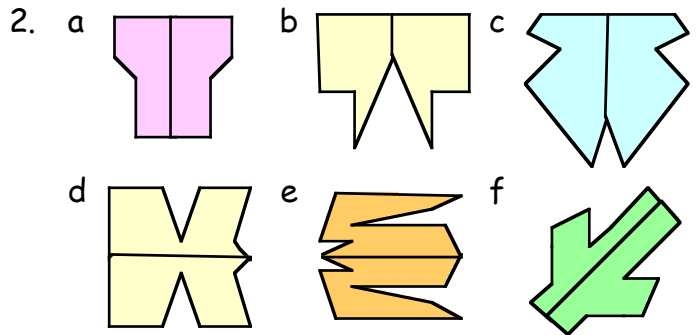
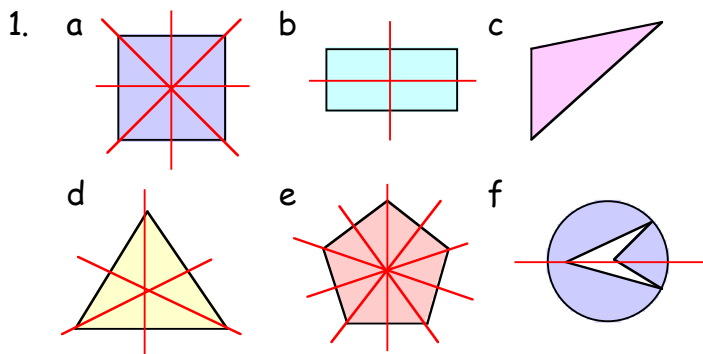


**Book 2b - Answers to
Revisit-Review-Revise Exercises**

Chapter 1 Pages 12/13

1. a (i) 90 (ii) 3690 (iii) 12750
b (i) 300 (ii) 1500 (iii) 17400
c (i) 6000 (ii) 30000 (iii) 328000
2. a $370 + 390 = 760$
b $7500 - 1700 = 5800$
c $18000 + 6000 = 24000$
3. a 27000 (31640) b 3000
4. $£4400 + £3800 = £8200$
5. $£29000 + £19000 = £10000$
6. 5300000
7. a 17898 b 10215 c 13118
d 14716 e 160914 f 116784
g 25941 h 8769 i 354289
8. a 4300 b 367000 c 45800
d 6000000 e 27 f 239
g 78040 h 7102
9. a 4350 b 14800 c 299500
d 984000 e 9 f 34
g 8672 h 1790
10. a 5728 miles b 832 miles
11. 8746
12. a £2.90, £3. b Plastic
13. £827.50
14. 115200
15. £7
16. a £2310 b £30
17. a £28620 b £795

Chapter 2 Page 19



Chapter 3 Pages 29/30




1. a Eight minutes to eight in morning
b Thirteen minutes to eleven at night
2. 4.12 pm
3. a 2017 b 0440 c 2329 d 2053
4. a 2.45 am b 5.09 pm c 9.57 pm
5. a 5 hrs 51 mins
b 14 hrs c 0257
6. a 1025 b Left Langbank at 2130
c 3 hrs 15 mins
d (i) 18 min (ii) 44 min
(iii) 24 min (iv) 1hr 15 min
7. a 13 sec b 38 sec
c 1 min 18 sec d 56 mins 54 sec
8. a 1 min 10 sec b 2 min 12 sec
c 3 min 21 sec d 6 mins 30 sec
9. a 1 hr 26 min b 2 hrs 30 min
c 3 hrs 13 min d 7 hrs 3 min
10. 1 min 36.26 sec
11. a 10 min 20 sec b 3 hrs 35 min
12. a 39 min b 5 hrs 1 min
11. a 0.79 sec b 1 min 30.89 sec

Chapter 4 Page 40

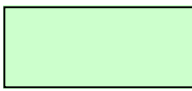

1. a 104 b 2601
2. a three thousand four hundred and two
b eighteen thousand and six
c one hundred and thirty two thousand five hundred
d two million six hundred and seventy five thousand and twenty
3. a 7 tens b 70 thousand
c 7 thousandths d 7 tenths

4. a 1979 b 121000 c 199999
 5. a 7654, 9999, 19999, 20112, 22121, 22333
 b 10-009, 10-01, 10-0955, 10-099, 10-19999, 10-99
 6. a 22.9 b 5.32 c 10.26
 7. a (i) 32 (ii) 9
 b (i) 5.9 (ii) 53.7
 c (i) 11.13 (ii) 1.00
 8. a 10.3 b 7.49 c 47.1
 d 2.29 e 248.3 f 11.76
 g 0.125 h 0.844 i 364.35
 j 0.202 k 640
 9. a 13 b 23 c 10
 d 20 e 15 f 6
 10. a 2.54 m b 750 ml
 c 81.6 m d 144000

Chapter 5 Pages 49/50

1. a acute b reflex c right
 d straight e obtuse f acute
 2. a 1 4 7 8 9 11
 b 3 5 6 (7/8) (9/11)
 c $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{5}$... many more
 3. a t b u c t d w
 4. a  b  c 
 5. a acute/reflex b obtuse/reflex
 c straight/straight d obtuse/reflex
 6. a $\angle \text{BAT} = 40^\circ$ b $\angle \text{NHK} = 105^\circ$
 c Reflex $\angle \text{EPY} = 310^\circ$
 7. see pupils' drawings
 8. see pupils' drawings
 9. see pupils' drawings
 10. see pupils' drawings
 11. see pupils' drawings
 12. a see pupils' drawings
 b $\angle \text{WVY} = 40^\circ$, $\angle \text{VXY} = 106^\circ$
 $\angle \text{VWX} = \angle \text{VYX} = 107^\circ$

Chapter 6 Page 64

1. 18 km
 2. 14m by 7 m
 3. a  b 

4. a 135° b 45°
 5. a South West b North
 6. a 043° b 290°
 7. a Scale Drawing
 b 23.5 m approx.

Chapter 7 Page 79/80

1. a £15.25 b 3 x £5, 20p, 5p
 2. a £60.50 b £161.12
 c £165.62 d £31.19
 3. £82.70, £53.30
 4. a £24.92 b £70
 5. £1.12/100g - small and £1.10/100g - large
 Larger box cheaper per 100 gram
 6. €330
 7. E Max cheaper because of a lower percent
 8. 5 weeks
 9. Yes and still have £10 left.
 10. a £150 b £24 loss
 11. £500
 12. £492.94
 13. a 142.5 euro b £129.55
 14. 13 weeks
 15. £2899.50
 16. a 300 b £115
 17. £6450
 18. £2100

Chapter 8 Page 86

1. a -8°C b -13°C
 2. +£1112
 3. +£5
 4. a 4 b 0 c 6
 d 3 e -27 f -20
 g -1 h -207 i -13
 j -35 k -6 l 1
 5. 40°
 6. 60°
 7. a -1 b -5 c -4
 d -1 e 0 f -10
 g 1 h -100

Chapter 9 Pages 94/95

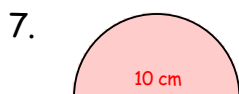
1. 2 hrs 45 min
 2. a 3.22 pm b 3 hrs 37 min
 3. a Thurs 2300 b Sat 0245

4. Wed 14.35 (2.35 pm)
5. 4.05 pm
6. a $S = D/T$ b $T = D/S$ c $D = S \times T$
7. 66 mph
8. 3 hours
9. 595 miles
10. 7.30 am
11. 50 cm/min
12. a 300 m/min b 2 mins
13. 1020 m
14. 160m/hr
15. 21 metres

Chapter 10 Pages 106/107

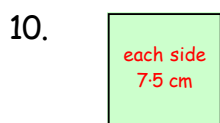
1. Octagon
2. Rectangle, Isosceles Triangle, Kite, Hexagon, Quarter Circle, Square, Pentagon, Equilateral Triangle
3. a Scalene b Equilateral c Isosceles
4. a B b C c A
5. Triangle THP is a right angled, isosceles triangle

6. 15 mm



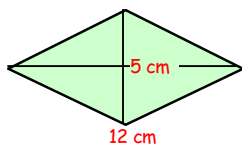
8. a 10 cm b 5 cm c 13 cm

9. a Rectangle b Rhombus
- c Parallelogram d Square
- e Kite



11. a 37 cm b 78 cm²

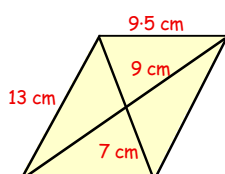
12. a b 6.5 cm



13. a (i) 30 mm (ii) 78 mm (iii) 50 mm

- b (i) \sphericalangle YVT (ii) \sphericalangle MRT

14. a b None



15. a Square & Rhombus
- b Square
- c Square, Rectangle & Parallelogram, Rhombus

- d Square, Rhombus & Kite
- e Square & Rhombus
- f Square, Rhombus, Rectangle & Parallelogram
- g Rectangle & Parallelogram
- h Kite
- i Kite

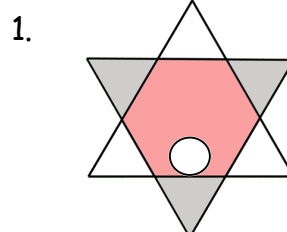
Chapter 11 Page 118

1. a 8 b 4
2. a - b \div c +
3. a 8 b 10 c 10
- d 7 e 11 f 18
4. a $30 - x = 21$ b 9
5. $2x + 40 = 440$, £200 last week.
6. a $<$ b $>$ c $<$
7. $x < 130$
8. a 0, 1, 2, 3 b -3
8. c -3, -2, -1, 0 d 0, 1, 2, 3
9. a $x > 6$ b $x < 20$ c $x \leq 4$ d $x \geq 8$

Chapter 12 Page 126

1. a $5/9$ b $9/16$ c $5/8$
2. $2/5$
3. a diagram b 15 blue c 20 red
- d 40 yellow e 75% f 25%
4. a $2/6$ $3/9$ etc b $6/10$ $9/15$ etc
5. a $2/3$ b $7/20$
6. a 40% b 73% c 10% d 70%
7. a £9.60 b 24 cm c 7 L d 12
8. 0.2 22% $2/5$
9. a 75% b 15%
10. a £2803.20 b 1566 km c £0.21
11. 0.6 0.59 57% $5/9$
12. a 68% b £7875
- c £103.60 d £350

Chapter 14 Pages 140/141



2. a 28, 34, 40 b 51, 39, 27
 c 100, 50, 25 d 21, 27, 34

3. 64, 81, 100

4. a (i) £32.80 (ii) £41

b $W = 8 \cdot 2 \times H$

c £82 d 30 hrs

5. a  11 bricks

(P)	1	2	3	4	5
(B)	3	5	7	9	11

c $B = 2 \times P + 1$

d 21 e 25

6. a £72 b £10

c $C = 10H + 32$

d £32 e £102 f 10 hrs

7. a £69 b £10 c $P = 10G - 1$

d £119 e 5

8. a $M = 5P + 45$ b $Z = 4W + 5$

Chapter 15 Page 145

1. a (i) B (ii) M (iii) C (iv) A

b (i) (6, 2) (ii) (5, -4)

(iii) (-5, 5) (iv) (-2, -2)

c (i) L, D, I

(ii) L(1, 4), D(-1, 2), I(1, 0)

d (i) I

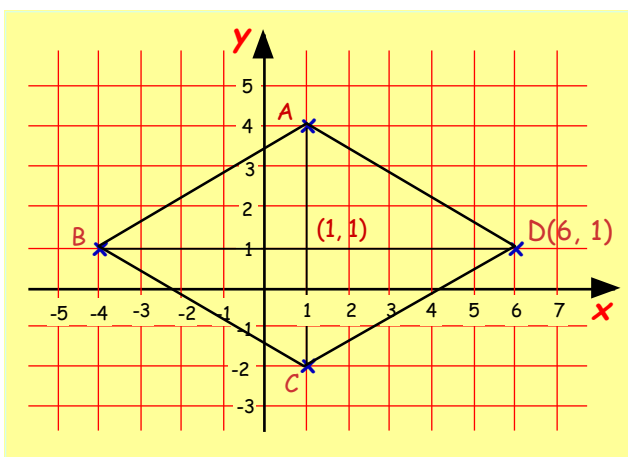
(ii) M

e (i) I & L or J and F

(ii) G & J, A & D & E, C & F

f H & J

2. a/b/c

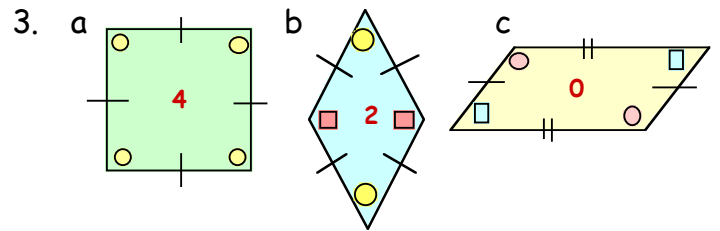


d $A'(-1, 4)$, $B'(4, 1)$, $C'(-1, -2)$, $D'(-6, 1)$

Chapter 16 Pages 154/155

1. a rectangle b kite
 c parallelogram d isosceles triangle
 e cylinder f cuboid
 g cone h sphere

2. a 6 b 8 c 10



3-D Shape	E	F	V
cube	12	6	8
cuboid	12	6	8
cone	1	2	1
cylinder	2	3	0
Δ prism	9	5	6
sq pyramid	8	5	5

5. a cube b triangular prism

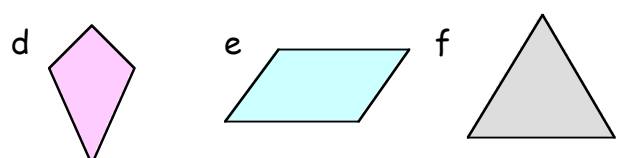
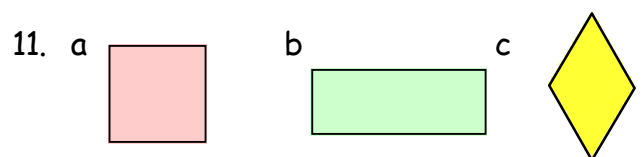
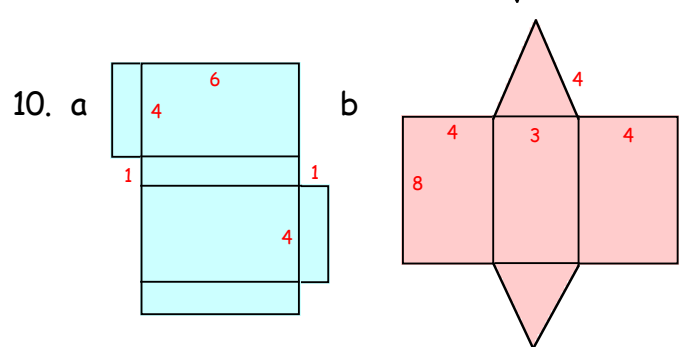
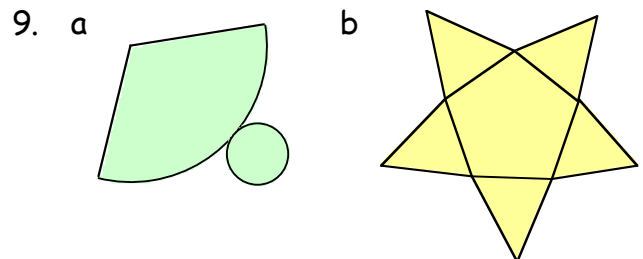
c square pyramid d cylinder

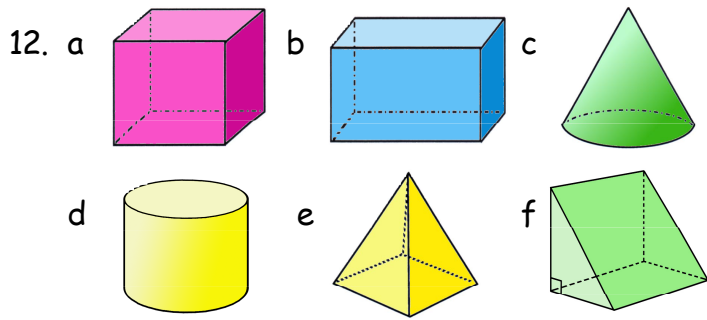
6. a rhombus b kite

c parallelogram d square

7. hemi-sphere, 2 faces, 1 edge, 0 vertices

8. a cuboid b cube c sq pyramid





13. see pupils' drawings

Chapter 17

No Exercise

Chapter 18

Page 163

1. Various
2. Even chance
3. 1 out of 6
4. a 1 out of 6 b 2 out of 6
5. 1 out of 3
6. 1 out of 7
7. 26 out of 52
8. 3 out of 9
9. a 4 out of 12 b 8 out of 12