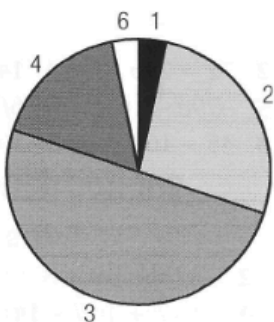


Review 1A

- 1 a) Sixty-four thousand five hundred and ninety-three
- b) (i) 65000 (ii) 64600
- 2 27
- 3 a) (i) $5(a+9)$ (ii) $5a+45$
 (iii) $A=5a+45$
- b) (i) $3(b+7)$ (ii) $3b+21$
 (iii) $A=3b+21$
- c) (i) $5d(c+8)$ (ii) $5cd+40d$
 (iii) $A=5cd+40d$
- d) (i) $7c(d-9)$ (ii) $7cd-63c$
 (iii) $A=7cd-63c$
- e) (i) $7f(e+3)$ (ii) $7ef+21f$
 (iii) $A=7ef+21f$
- f) (i) $6g(f+8)$ (ii) $6fg+48g$
 (iii) $A=6fg+48g$
- 4 a) $9f-33$ b) $10g-37$ c) $-14b+38$
- 5 Not congruent. The sides of length 4 cm are not corresponding sides.
- 6 a) Parallelogram
 b) Trapezium
- 7 a) 0
 b) 5
- 8 a) 39000 feet
 b) 29300 feet
 c) 26.25 miles
 d) 94 million miles
- 9 a)

Number of bedrooms	Frequency	Fraction of the total	Angle
1	1	$\frac{1}{30}$	$\frac{1}{30} \times 360 = 12^\circ$
2	8	$\frac{8}{30}$	$\frac{8}{30} \times 360 = 96^\circ$
3	15	$\frac{15}{30}$	$\frac{15}{30} \times 360 = 180^\circ$
4	5	$\frac{5}{30}$	$\frac{5}{30} \times 360 = 60^\circ$
5	0	$\frac{0}{30}$	$\frac{0}{30} \times 360 = 0^\circ$
6	1	$\frac{1}{30}$	$\frac{1}{30} \times 360 = 12^\circ$

b) Number of bedrooms



- 10 a) 10
 b) 4

Review 1B

- 1 472
- 2 35
- 3 a) $8 \times 8 = 4 \times 4 \times 4$
 b) $120 \text{ cm} < 1.21 \text{ m}$
 c) $73 \text{ cm} > 0.7 \text{ m}$
 d) $100 \text{ cm} = 1000 \text{ mm}$
 e) $4.75 \text{ tonnes} < 47500 \text{ kg}$
- 4 a) (i) $12p+14$ (ii) $P=12p+14$
 b) (i) $4a+30$ (ii) $P=4a+30$
 c) (i) $9s+24$ (ii) $P=9s+24$
 d) (i) $2x+4y$ (ii) $P=2x+4y$
- 5 a) $3a-2b+8$
 b) $3ab+6a+10b+25$
 c) $3bc+26b$
- 6 a) Rhombus
 b) Kite
- 7 a) 0
 b) 2
- 8 a) 155 million kg
 b) 21
 c) \$44.2 million
- 9 a) 6°
 b) 15
 c) 12
 d) 9
- 10 a) $(24-3) \div 3 + 4 = 11$
 b) No brackets needed
 c) $(24-3) \div (3+4) = 3$