



### Unit 5.6

- 1 (a) 4, 4, 5  
4, 5  
 $4 \times 5 = 20$      $5 \times 4 = 20$   
(b) 8, 8, 3  
8, 3  
 $8 \times 3 = 24$      $3 \times 8 = 24$
- 2 Pupils should have drawn:  
(a) 9 circles  
(b) 15 circles
- 3 (a) 8                      (b) 20  
2                          4  
4                          5, 4  
8                           $5 \times 4 = 20$   
8                           $4 \times 5 = 20$
- (c) 60                      (d) 36  
6                          3  
10, 6                      12, 3  
 $10 \times 6 = 60$                $12 \times 3 = 36$   
 $6 \times 10 = 60$                $3 \times 12 = 36$
- 4  $2 + 2 + 2 + 2 = 4$  times 2  
 $3 + 3 = 2$  times 3  
 $11 + 11 + 11 + 11 = 4$  times 11  
 $6 + 6 + 6 + 6 + 6 + 6 = 6$  times 6
- 5 8 4 12  
8 16 6

### Unit 5.7

- 1 (a) 3, 8, 24    (b) 4, 5, 20  
 $3 \times 8 = 24$      $4 \times 5 = 20$   
8, 3, 24    5, 4, 20  
(c) 7, 2, 14    (d) 4, 3, 12  
 $7 \times 2 = 14$      $4 \times 3 = 12$   
2, 7, 14    3, 4, 12
- 2 3, 4  
3, 4, 12  
4, 3, 12  
12
- 3 (a) 10 circles drawn  
 $5 \times 2 = 10$   
(b) 8 circles drawn  
 $2 \times 4 = 8$   
(c) 9 circles drawn  
 $3 \times 3 = 9$
- 4 (a) 12  
(b) 12
- 5 (a) 2, 3  
6  
(b) 4, 6  
24  
(c) 33

### Unit 5.8

- 1 10  
10  
10, 10  
10, 10  
 $10 \times 10 = 100$   
100

- 2 90 20 40 70  
10 60 80 100  
50 100 0 30
- 3 80, 3, 10
- 4 (a)  $10 \times 3 = 30$   
(b)  $10 \times 0 = 0$   
(c)  $8 \times 10 = 80$   
(d) 50  
 $10 \times 5 = 50$
- 5 3 7

### Unit 5.9

- 1 5 10  
15 20  
25 30  
35 40  
45 50  
55 60
- 2 20 30 40 15  
50 45 10 35  
40 45 55 60  
30 55 60
- 3 (a)  $5 \times 5 = 25$   
(b)  $5 \times 3 = 15$
- 4 (a)  $6 \times 5 = 30$  or  $5 \times 6 = 30$   
(b)  $7 \times 5 = 35$  or  $5 \times 7 = 35$   
(c)  $5 \times 8 = 40$  or  $8 \times 5 = 40$
- 5 10, 20, 25, 30, 40, 45
- 6 = = <  
< > <
- 7 £25 £30

### Unit 5.10

- 1 2 4  
6 8  
10 12  
14 16  
18 20  
22 24
- 2 0 12 40 6  
10 4 14 6  
16 30 2 50  
24 55 22 60
- 3 (a) 2, 9  
 $2 \times 9 = 18$   
(b) 9, 2  
 $9 \times 2 = 18$
- 4 (a)  $2 \times 5 = 10$   
(b)  $6 \times 2 = 12$   
(c)  $8 \times 2 = 16$   
(d)  $2 \times 5 = 10$
- 5 (a)  $8 \times 2 = 16$ , £16  
(b)  $12 \times 5 = 60$ , £60  
(c)  $10 \times 7 = 80$ , £70
- 6 18 30  
14 27  
12 52

- 7 For example:  
 $2 \times 5 - 1 = 9$   
 $2 \times 4 + 1 = 9$

**Unit 5.11**

- 1 32 12 18 28  
 0 20 40 30  
 4 36 10 16  
 44 48 50 48
- 2 7 1 0  
 10 5 2  
 4 9 4  
 12 5 11
- 3  $\times -$   
 $+ +$
- 4  $4 \times 5 = 5 \times 4$   
 $10 \times 4 = 5 \times 8$   
 $12 + 12 = 6 \times 4$   
 $2 \times 6 = 6 + 6$
- 5 Each pair may appear in either order:  
 $1 \times 4 = 4$   $3 \times 4 = 12$   
 $4 \times 1 = 4$   $4 \times 3 = 12$
- 6  $6 \times 4 = 24$  or  $4 \times 6 = 24$   
 16  
 $4 \times 4 = 16$
- 7 (a)  $4 \times 10 = 40$  or  $10 \times 4 = 40$   
 (b)  $8 \times 4 = 32$  or  $4 \times 8 = 32$
- 8 Check pupils' answers.

**Unit 5.12**

- 1 eight  
 thirty-two  
 three, eight  
 eight  
 forty-eight  
 seven, eight  
 eight  
 ninety-six
- 2 8 8 2  
 8 10 3  
 9 2 8  
 12 1 11
- 3 = = <  
 > > <
- 4 (a)  $5 \times 8 = 40$   
 (b)  $8 \times 3 = 24$   
 (c)  $8 \times 7 = 56$
- 5 (a)  $4 \times 8 = 32$   
 (b)  $6 \times 8 = 48$   
 (c)  $8 \times 8 = 64$
- 6 35 72 8  
 82 81 16  
 16 30 0  
 63 65 100
- 7 40

**Unit 5.13**

- 1 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26  
 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48,  
 52  
 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88,  
 96, 104  
 2, 4  
 4, 8  
 10, 20  
 22, 44
- 2 2 4 8 10 24  
 1 2 4 5 8  
 1 4 4 3  
 2 2 6  
 1 4  
 1
- 3 4 8 12  
 8 16 24  
 16 32 48  
 16 20 24  
 32 40 48  
 64 80 96  
 Patterns:  
 4 8 12  
 16 20 24  
 8 16 24  
 32 40 48  
 16 32 48  
 64 80 96
- 4 (a)  $4 \times 4 = 16$   
 (b)  $8 \times 2 = 4 \times 4$
- 5 (a)  $8 \times 3 = 24$   
 24  
 (b)  $8 \times 3 = 6 \times 4$   
 4

**Unit 5.14**

- 1 (a) 4, 4, 4  
 3  
 3  
 (b)  $35 - 5 - 5 - 5 - 5 - 5 - 5 - 5 = 0$   
 $35 = 5 \times 7$   
 $35 \div 5 = 7$
- 2 (a) 18  
 (b) 9  
 (c) 6  
 (d) 4, 2
- 3  $16 \div 4 = 4$
- 4 (a)  $8 \div 2 = 4$   
 (b)  $8 \div 4 = 2$
- 5 (a)  $15 \div 3 = 5$   
 (b)  $15 \div 5 = 3$
- 6 (a)  $20 \div 4 = 5$   
 5  
 (b)  $30 \div 5 = 6$   
 6  
 (c) Pupils' own questions with answers.

**Unit 5.15**

- 1 (a) 8 (b) 6  
 8 6  
 (c) 4 (d) 9  
 4 9
- 2 Each group of calculations may appear in any order:  
 $3 \times 7 = 21$   
 $7 \times 3 = 21$   
 $21 \div 7 = 3$   
 $21 \div 3 = 7$   
 $5 \times 6 = 30$   $7 \times 8 = 56$   
 $6 \times 5 = 30$   $8 \times 7 = 56$   
 $30 \div 5 = 6$   $56 \div 8 = 7$   
 $30 \div 6 = 5$   $56 \div 7 = 8$
- 3  $35 \div 7$  Five times seven  
 is thirty-five  $35 \div 5$   
 $24 \div 6$  Four times six is  
 twenty-four  $24 \div 4$   
 $24 \div 8$  Three times eight  
 is twenty-four  $24 \div 3$   
 $36 \div 9$  Four times nine  
 is thirty-six  $36 \div 4$
- 4 3 4 8 10  
 4 2 4 6  
 5 7 8 9  
 9 9 4 6  
 4 12 3 11
- 5 10 30 8 0  
 16 28 35 40  
 15 20 36 64
- 6 < = =  
 < > >  
 < < =  
 < > =
- 7 4

**Unit 5.16**

- 1 (a) 6  
 $6 \times 2 = 12$   
 (b) 3  
 $3 \times 4 = 12$   
 (c) 3  
 $3 \times 8 = 24$   
 (d) 4  
 $4 \times 5 = 20$   
 (e) 4  
 $4 \times 10 = 40$
- 2 (a) 4  
 $4 \times 2 = 8$   
 (b) 7  
 $7 \times 2 = 14$   
 (c) 2  
 $8 \div 4 = 2$
- 3 (a) 8  
 (b) 4
- 4 (a) No  
 (b) 2

### Unit 5.17

- 1 (a)  $20 \div 4 = 5$   
 (b)  $0 \div 4 = 0$
- 2 0 8 21 40  
 5 0 0 100  
 0 0 0 45  
 0 0 0 0  
 0 0 1 0
- 3 0, 7, 0, 7, 0, 8, 0, 12, 0
- 4 +  $\div$  +  $\div$   
 $\div$  or  $\times$   $\div$  or  $\times$   $\times$   $\times$   
 - +  $\times$   $\div$  or  $\times$   
 $\div$  -  $\div$  or  $\times$   $\times$
- 5 (a)  $0 \div 4 = 0$   
 (b)  $8 \times 8 = 64$   
 (c)  $45 \div 9 = 5$   
 (d)  $25 \div 5 = 5$   
 (e)  $72 \div 8 = 9$   
 (f)  $6 \times 10 = 60$   
 5 8 5 7  
 6 6 9 4  
 9 0 4 11

### Unit 5.18

- 1 2, 3 2, 6  
 2, 3 2, 6  
 $3 + 3 = 6$   $6 + 6 = 12$   
 $2 \times 3 = 6$   $2 \times 6 = 12$   
 $12 - 6 = 6$   
 6  
 $12 \div 6 = 2$   
 2

- 2  $4 + 4 + 4 = 4 \times 3$   
 $5 + 5 = 2 \times 5$   
 $2 + 2 + 2 + 2 = 4 \times 2$
- 3 Pupils should have drawn:  
 5 sets of 2 beads and 2 sets of 5 beads  
 3 sets of 4 beads and 4 sets of 3 beads
- 4 Answers will include:  
 $9 \times 2 = 18$  and  $2 \times 9 = 18$   
 $3 \times 6 = 18$  and  $6 \times 3 = 18$
- 5 (a)  $2 \times 10 = 20$  or  $10 \times 2 = 20$   
 (b)  $10 \div 2 = 5$   
 (c)  $3 \times 8 = 24$  or  $8 \times 3 = 24$

6

4	8	12	16	20	24	22	18	14	10	6
8	16	24	32	40	48	44	36	28	20	12
10	20	30	40	50	60	55	45	35	25	15
16	32	48	64	80	96	88	72	56	40	24
20	40	60	80	100			90	70	50	30

7 Pupils' own problems

### Chapter 5 test

- 1 14 66 45 8  
 9 5 45 68  
 23 80 5 9  
 10 80 24 35  
 5 50 70 4  
 24 77 33 7

- 2 (a) 9  
 3  
 3, 9  
 9, 3  
 3  
 9  
 9, 3  
 3, 9  
 (b) 3  
 5  
 15  
 $3 \times 5 = 15$  or  $5 \times 3 = 15$   
 (c) 4  
 3  
 $4 \times 2 + 3 = 11$  or  $2 \times 4 + 3 = 11$
- 3 40 20  
 30 18  
 66 48  
 36  
 56
- 4 Pupils should have drawn:  
 (a) 10 stars and 5 triangles  
 (b) 5 hearts and 7 diamonds  
 (c) 4 diamonds and 12 circles  
 (d) 9 stars
- 5 (a)  $10 \times 5 = 50$  or  $5 \times 10 = 50$   
 (b)  $4 \times 8 = 32$  or  $8 \times 4 = 32$   
 (c)  $6 \times 5 = 30$  or  $5 \times 6 = 30$   
 (d)  $21 \div 3 = 7$   
 (e)  $28 \div 4 = 7$
- 6 (a) 6  
 (b) 65  
 (c) £100

## Chapter 6 Introduction to fractions

### Unit 6.1

- 1 whole part  
 whole part
- 2 Pupils' own drawings
- 3 Pupils' own drawings
- 4 Pupils' own drawings

### Unit 6.2

- 1 tick cross tick cross

- 2 (a)  $\frac{4}{4}$   
 (b)  $\frac{8}{8}$   
 (c)  $\frac{1}{4}$   $\frac{1}{2}$
- 3 one flower 3 slices one triangle
- 4  $\frac{1}{2}$   $\frac{1}{3}$   $\frac{1}{6}$
- 5 Check pupils' answers.
- 6  $\frac{3}{4}$

### Unit 6.3

- 1 (a) fractions  
 (b) smaller  
 bigger  
 (c)  $>$   $<$   $<$   $=$
- 2 (a)  $1, 2, 2\frac{1}{2}, 3, 3\frac{1}{2}, 4\frac{1}{2}$   
 (b)  $2\frac{1}{2}, 3, 4, 4\frac{1}{2}, 5$

- 3 (a)  $\frac{1}{6}$   
 (b)  $\frac{1}{8}$   
 (c)  $\frac{1}{5}$   
 (d)  $\frac{1}{10}$   
 (e)  $\frac{3}{4}$
- 4 (a)  $\frac{1}{6}$  one sixth (b)  $\frac{1}{2}$  one half  
 (c)  $\frac{1}{4}$  one quarter (d)  $\frac{2}{16}$  two sixteenths
- 5 The following should be coloured:  
 5 hearts  
 3 stars  
 9 flowers
- 6 (a) B  
 (b) B

- 7 (a) 3  
 (b) 9  
 8  $\frac{1}{10}$   
 1

### Chapter 6 test

- 1 The following should be circled:  
 (a) 6 coins  
 (b) 9 leaves
- 2 (a)  $5\frac{1}{2}$ , 7, 8,  $8\frac{1}{2}$ ,  $9\frac{1}{2}$   
 (b)  $5\frac{1}{4}$ ,  $5\frac{3}{4}$ ,  $6\frac{1}{2}$ , 7,  $7\frac{1}{2}$ , 8,  $8\frac{1}{2}$
- 3 (a)  $\frac{1}{10}$   
 $\frac{1}{3}$   
 (b) 2  
 12  
 (c) > < <

- 4 (a) cross  
 (b) cross  
 (c) cross  
 (d) tick  
 (e) cross
- 5 (a) C  
 (b) B
- 6 24
- 7 (a)  $\frac{1}{4}$   $\frac{3}{4}$   
 (b) 11  
 (c) Less, as half of 24 is 12 and only 11 take part.

## Chapter 7 Introduction to time (II)

### Unit 7.1

- 1 (a) 12 60  
 (b) 2  
 (c) 1
- 2 (a) 60  
 (b) 24  
 (c) 35  
 (d) 24
- 3 (a) =  
 (b) <  
 (c) <  
 (d) <  
 (e) <  
 (f) >  
 (g) <  
 (h) <  
 (i) >  
 (j) =
- 4 (a) tick  
 (b) tick  
 (c) cross  
 (d) tick
- 5 one minute  
 29 minutes  
 half an hour  
 one hour  
 61 minutes  
 15 hours  
 2 weeks  
 15 days
- 2 03:45 05:20 11:05 07:15
- 3 five past ten  
 five to ten  
 half past eleven  
 ten to four  
 twenty past seven  
 a quarter to two  
 quarter past two  
 ten o'clock  
 quarter past eight  
 a quarter to seven
- 4 quarter past three twenty to six  
 half past seven a quarter to three  
 ten past ten quarter past six
- 5 Check pupils' clocks
- 6 Amy  
 Jaya  
 Mo  
 Ali  
 Jake

- 3 half past 6, 8 o'clock  
 11 o'clock, 12 o'clock  
 half past 7, 8 o'clock  
 4 o'clock, half past 5
- 4 (a) tick  
 (b) cross  
 (c) tick  
 (d) cross
- 5 Jaya  
 Ali  
 Amy  
 Jake  
 Mo

### Chapter 7 test

- 1 10:00 01:05 03:45 07:40
- 2 (a) tick  
 (b) cross  
 (c) cross  
 (d) tick  
 (e) cross
- 3 Check pupils' clocks
- 4 three o'clock, quarter past four  
 ten to four, five past four  
 quarter past ten, half past eleven  
 quarter past five, quarter past six  
 a quarter to nine, nine o'clock
- 5 (a) >  
 (b) >  
 (c) =  
 (d) <  
 (e) <  
 (f) =

### Unit 7.2

- 1 (a) 3  
 (b) 5  
 (c) 5

### Unit 7.3

- 1 (a) two hours (b) forty-five minutes  
 or three-quarters  
 of an hour  
 (c) half an hour (d) two hours forty-  
 five minutes or  
 two and three-  
 quarter hours  
 (e) two hours
- 2 17, 2, 3

- 6 (a) forty-five minutes or three-quarters of an hour  
 (b) seven  
 (c) forty-five minutes or three-quarters of an hour  
 (d) eight and a half

## Chapter 8 Mass, temperature and capacity

### Unit 8.1

- 1 heavier  
 2 (a) juice, egg  
 (b) pencil case, schoolbag  
 (c) apple, watermelon  
 (d) computer, mobile phone  
 3 The following items should be circled:  
 sheep cubes  
 cauliflower spheres  
 4 pineapple  
 apple  
 strawberry  
 lemon  
 5 tick, cross cross, tick tick, cross  
 6 4

### Unit 8.2

- 1 Pencil sharpener, Mouse, Pencil case, Mug, Maths book  
 2 1, 5, 2, 4, 3  
 3 4, 1, 2, 3  
 4 2, 3, 4, 1  
 5 1  
 4  
 6 (a) 2  
 (b) 4  
 7 (a) 9  
 (b) 2

### Unit 8.3

- 1 kg g g kg  
 2 kilogram  
 kilograms  
 kilogram  
 kilograms  
 grams  
 kilograms  
 grams  
 kilograms  
 grams  
 3 (a) D  
 (b) C  
 (c) C  
 (d) D  
 4  $40 - 38 = 2$  kg

### Unit 8.4

- 1 g kg g g kg  
 2 Digital weighing scales Analogue weighing scales  
 Analogue weighing scales Balance  
 Balance Digital weighing scales  
 3 1 kg 5 kg 3 kg  
 2 kg 4 kg  
 4 Correctly drawn needles at 20, 40, 100 and 60 g marks  
 5 4: potatoes, cans of fizzy drink, present and laptop

### Unit 8.5

- 1 50 0 15 30 100  
 2 (a) tick  
 (b) cross  
 (c) tick  
 (d) tick  
 3  $100^{\circ}\text{C}$   $37^{\circ}\text{C}$   $25^{\circ}\text{C}$   $0^{\circ}\text{C}$   
 4 (a)  $11^{\circ}\text{C}$   
 (b) July and August  
 (c) January,  $6^{\circ}\text{C}$   
 5 Pupils' own measurements

### Unit 8.6

- 1 (a) Half full  
 More than half full  
 Empty  
 Full  
 Less than half full  
 (b) The full glass should be coloured.  
 (c) The empty glass should be circled.  
 2 B, A, D, C  
 3 (a) tick cross  
 1 cup  
 (b) cross tick  
 2 bottles  
 4 ml l ml  
 l l l  
 5 Pupils' own measurements

### Unit 8.7

- 1 l ml l ml ml l  
 2 4 2 5 1 3  
 3 54 litres: fish tank, 2 litres: fizzy drink bottle, 19 litres: water cooler bottle, 10 litres: watering can  
 4 (a) 100 ml  
 (b) Put the 20 and 10 cylinders together so there is 30 in one tube, then pour water out of the 70 until the level is the same as in the 30 tube.  
 (c) Answers will vary.  
 5 (a) 110 ml  
 (b) (c) Pupils' own answers. Check that they work.

### Chapter 8 test

- 1 25 kilograms  
 2 kilograms  
 100 grams  
 80 grams  
 3 grams  
 2 (a) stapler  
 ruler  
 (b) 8  
 (c) ruler stapler  
 3 g kg g g  
 kg kg g g  
 4 40 litres 80 g  $1^{\circ}\text{C}$   
 5 millilitres 12 kg  $25^{\circ}\text{C}$   
 5 (a) 100 g  
 (b) (i)  $18^{\circ}\text{C}$   
 (ii)  $8^{\circ}\text{C}$   
 (iii) Autumn  
 (iv) Winter  
 6 24  
 Possible reasoning:  
 $3 \times 4 = 12$  (12 strawberries = 2 pineapples)  
 $12 \times 2 = 24$  (4 pineapples = 24 strawberries)  
 7 (a) paper cup  
 (b) 2  
 (c) 45 ml

## Chapter 9 Let's practise geometry

### Unit 9.1

- (a) clockwise rotation  
anticlockwise rotation
  - (b) anticlockwise rotation  
clockwise rotation
  - (c) clockwise rotation  
anticlockwise rotation
  - (d) anticlockwise rotation  
clockwise rotation
- (a) tick  
(b) tick  
(c) cross  
(d) tick  
(e) cross
- (a) quarter  
(b) half  
(c) half  
(d) three-quarter  
(e) three-quarter
- (a) quarter turn  
(b) three-quarter turn  
(c) three-quarter turn  
(d) clockwise  
(e) clockwise
- Step 3: Make a quarter turn anticlockwise and then move 2 steps in a straight line to position C.  
Step 4: Make a quarter turn anticlockwise and then move 2 steps in a straight line to position D.  
Step 5: Make a quarter turn clockwise and then move 5 steps in a straight line.  
Step 6: Make a quarter turn clockwise and then move 2 steps in a straight line to position F.  
Step 7: Make a quarter turn clockwise and then move 3 steps in a straight line to position G.  
Step 8: Make a quarter turn anticlockwise and then move 2 steps in a straight line to position H.  
Step 9: Make a quarter turn anticlockwise and then move 4 steps in a straight line to position N.

### Unit 9.2

- tick cross tick  
tick cross cross
- Check pupils' drawing.
- Check pupils' drawing.

### Unit 9.3

- rectangle triangle square circle
- 4, 4 5, 5 3, 3 4, 4
- Check pupils' drawings.
- (a) tick  
(b) cross  
(c) tick  
(d) tick  
(e) cross  
(f) tick  
(g) tick
- (a) Yes  
(b) 4  
(c) 5 – check pupils' drawing.
- Check pupils' drawings.  
8

### Unit 9.4

- cylinder pyramid cube  
cone cuboid
- 12 12  
8 8  
6 6
- 6, 4, 4  
9, 6, 5
- (a) 1, 4  
12  
6  
(b) 3, 5  
5  
5  
(c) 2, 6  
6  
5
- 15 10 18  
10 6 12  
7 6 8

### Unit 9.5

- 2-dimensional shapes: 1, 4, 6, 12, 13  
3-dimensional shapes: 2, 3, 5, 7, 8, 9, 10, 11, 14
- All faces are triangles  
All faces are squares  
All faces are rectangles

- 1 0  
0 0  
4 0  
0 2  
0  
0  
0  
1
- (a) cross  
(b) cross  
(c) cross  
(d) cross
- Check that pupils have drawn the following:  
(a) a cube  
(b) a triangular-based pyramid  
(c) a pyramid with a 4-sided base

### Unit 9.6

- F, C, D, B, A, E
- Check pupils' sequences are correct.
- B  
A, C, D
- The shape with two triangles.  
Explanations may vary.

### Chapter 9 test

- 11  
9  
5  
3 or 7  
8  
10  
1  
6
- (a) tick  
(b) cross  
(c) cross  
(d) tick  
(e) tick  
(f) tick  
(g) tick  
(h) cross
- tick cross tick
- The upper left corner
- 10 9 0  
6 6 0  
0 0 0  
0 3 0  
5 2 0  
0 0 0
- Pupils should have drawn a pyramid with a 4-sided base.

## End of Year test answers (Practice Book 2B, pages 146–152)

- 1 25, 6, 7  
8, 77, 11  
60, 30, 40  
15, 10, 18
- 2 (a)  $\frac{1}{2}$ , 2, 3,  $3\frac{1}{2}$ ,  $4\frac{1}{2}$ , 5  
(b)  $3\frac{1}{4}$ ,  $3\frac{3}{4}$ ,  $4\frac{1}{2}$ ,  $5\frac{1}{2}$ , 6,  $6\frac{1}{2}$
- 3 Mass and weight – Heavy or light  
Length – Long or short  
Capacity and volume – Space taken up  
Temperature – Hot or cold
- 4 minutes, hours  
kilograms or kg  
grams or g  
grams or g  
kilograms or kg  
millilitres or ml  
°C
- 5 (a) 20 grams, 88 grams, 100 grams,  
1 kilogram, 20 kilograms,  
40 kilograms, 100 kilograms  
(b) a quarter hour, 20 minutes, half an  
hour, 2 days, 100 hours, 2 weeks
- 6 (a) > >  
= <  
>  
(b) 7, 10, 32
- 7 (a) Answers will vary. Check that all  
four multiplications equal 24.  
(b) Answers will vary. Check that all  
four divisions equal 5.  
(c) Answers will vary. Check that  
answers make sense.
- 8 (a) 3  
Tally chart completed correctly:  
cat – Tally showing 6  
cow – Tally showing 9  
rabbit – Tally showing 2  
(i) Block diagram  
completed correctly:  
cat 6 blocks  
cow 9 blocks  
rabbit 2 blocks  
(ii) 17  
(iii) 3
- (b) 3 5  
15  
 $3 \times 5 = 15$   
3 5  
 $5 \times 3 = 15$   
5  
3  
 $15 \div 5 = 3$
- (c) (i) Group 3  
(ii)  $\frac{3}{12}$  or  $\frac{1}{4}$   
(iii) 30
- (d)  $7 \times 5 = 35$  or  $5 \times 7 = 35$   
35  
 $63 - 35 = 28$   
28  
 $63 \div 7 = 9$   
9
- 9 (a) C  
(b) A  
(c) A  
(d) B  
(e) B  
(f) B  
(g) B  
(h) C  
(i) A
- 10 0 12 6  
0 8 4  
0 0 0  
0 6 0  
0 0 4  
2 0 0