

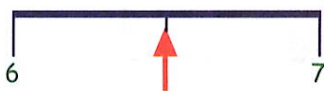
10. a 30 b 5 c 10 days
 d 31 e $\frac{1}{7}$ f $\frac{1}{60}$ g $\frac{1}{24}$
11. a 54p b 45p
12. $\frac{1}{4}$ (or $\frac{92}{365}$)
13. $\frac{1}{8}$

Chapter 16 Exercise 2 (page 188)

1. a $\frac{2}{3}$ b $\frac{4}{6}$ c $\frac{2}{3} = \frac{4}{6}$
2. $\frac{3}{4} = \frac{6}{8}$
3. a $\frac{4}{6} = \frac{2}{3}$ b $\frac{6}{10} = \frac{3}{5}$ c $\frac{15}{18} = \frac{5}{6}$
 d $\frac{2}{6} = \frac{1}{3}$ e $\frac{10}{16} = \frac{5}{8}$ f $\frac{6}{9} = \frac{2}{3}$
4. b $\frac{2}{3}$ c 4 boxes d $\frac{2}{3} = \frac{4}{6}$
5. a see drawings b $\frac{3}{4}$
 c 6 boxes d $\frac{3}{4} = \frac{6}{8}$

Chapter 16 Exercise 3 (page 190)

1. a $\frac{1}{3}$ b $\frac{1}{4}$ c $\frac{1}{6}$
 d $\frac{1}{5}$ e $\frac{1}{7}$ f $\frac{1}{9}$
2. a half b third
 c fifth d eighth
3. a $\frac{1}{2}, \frac{1}{5}, \frac{1}{9}$ b $\frac{1}{4}, \frac{1}{5}, \frac{1}{7}, \frac{1}{10}, \frac{1}{100}$
 c $\frac{1}{3}, \frac{1}{5}, \frac{1}{6}, \frac{1}{11}, \frac{1}{13}$
 d third, fifth, eighth, tenth
4. a $1\frac{1}{4}$ b $5\frac{1}{3}$ c $6\frac{5}{6}$
 d $3\frac{2}{5}$ e $7\frac{2}{7}$ f $9\frac{5}{9}$
5. see number lines like a :-



6. Practical
 7. a/b Practical

Answers to Ch 17 (page 194)

Ch 17 Consolidation Ex (page 194)

1. a cone b cube c pyramid
 d cylinder e cuboid f sphere
 g triangular prism
2. cuboids 1
 cubes 2
 cylinders 3
 spheres 1
 pyramids 1
 cones 1
 triangular prisms - 1
3. 2 triangular faces and
 3 rectangular faces
4. a cuboid b cylinder
 c pyramid d triangular prism
5. a 12 b 0
 c 9 d 1

Chapter 17 Exercise 1 (page 195)

1. a 6 b 8 c 12
 2. a 6 b 8 c 12
 3. a 5 b 5 c 8
 4. a 9 b 6 c 5
 5. a 1 b 1 c 2
 6. a 1 b 0 c 0
 7. a 0 b 2 c 3
 8. cuboid 6 8 12
 cube 6 8 12
 pyramid 5 5 8
 prism 5 6 9
 cone 2 1 1
 sphere 1 0 0
 cylinder 3 0 2
9. sphere, cone and cylinder

Answers to Ch 18 (page 198)

Ch 18 Consolidation Ex (page 198)

1. a 6 b 7 c 7
 d 8 e 6 f 5
 g 22 h 14 i 26
 j 27 k 7 l 9
 m 14 n 35 o 14
 p 11 q 27 r 200
2. a - b + c x
 d ÷ e + f -

- g x h x i ÷
 j ÷ k + l -
 m x n x o ÷
 p ÷ q + r x

3. $8 \times 3 = 15 + 9$
 $22 - 10 = 6 \times 2$
 $21 \div 3 = 18 - 11$
 $18 \div 2 = 27 \div 3$
 $26 + 24 = 25 \times 2$

Chapter 18 Exercise 1 (page 199)

1. a 4 b 7 c 5
 d 8 e 7 f 8
 g 3 h 9 i 8
 j 12 k 21 l 56
 m 30 n 40 o 54
2. a 2 b 6 c 6
 d 4 e 7 f 9
 g 10 h 10 i 7
 j 27 k 40 l 60
 m 3 n 5 o 7

Chapter 18 Exercise 2 (page 200)

1. a + b - c x
 d ÷ e x f -
 g ÷ h + i x
 j + k - l ÷
 m x n - o ÷
2. a - b + c x
 d ÷ e ÷ f +
 g x h - i x
 j - k + l x
 m - n ÷ o x

Chapter 18 Exercise 3 (page 201)

1. $3 + * = 10$, 7
 2. $2 + * = 9$, £7
 3. $7 + * = 12$, 5 mins
 4. $11 + * = 17$, 6 mins
 5. $12 - * = 4$, 8
 6. $30 - * = 10$, 20 cm
 7. $14 - * = 5$, 9
 8. $* - 8 = 12$, 20

Chapter 18 Exercise 4 (page 203)

1. a = b > c = d =
 e < f < g = h >
2. a is smaller than
 b is greater than
 c is smaller than
 d is greater than