

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 $\frac{1}{4}, \frac{1}{5}, \frac{1}{7}, \frac{1}{10}, \frac{1}{100}$

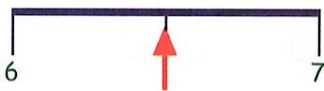
c $\frac{1}{3}, \frac{1}{5}, \frac{1}{6}, \frac{1}{11}, \frac{1}{13}$

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. $2 + * = 9, \text{£}7$

3. $7 + * = 12, 5 \text{ mins}$

4. $11 + * = 17, 6 \text{ mins}$

5. $12 - * = 4, 8$

6. $30 - * = 10, 20 \text{ cm}$

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

Answer

Ch 19

1. a c

b r

2. lad

bis

3. rec

4. a v

5. a d

Chapter

1. bis

2. a b

d l

The