

e is equal to
 f is greater than
 g is smaller than
 h is smaller than

3. a < b > c = d <
 e = f > g > h <
4. various - for example
 $5 \times 9 > 40 - 4$
 $99 \div 3 > 15 + 14$
 $12 + 10 + 4 > 50 \div 2$
 $2 \times 11 > 23 - 4$
 $3 \times 6 > 8 + 9 - 5$

Chapter 18 Exercise 5 (page 205)

1. a (i) 12 (ii) 32 (iii) 40 (iv) 100
 b (i) 4 (ii) 7 (iii) 11 (iv) 30
2. a (i) 1 (ii) 7 (iii) 14 (iv) 19
 b (i) 8 (ii) 20 (iii) 35 (iv) 100
3. a 8 b 8 c 14 d 5
 e 15 f 9 g 40 h 7
 i 22 j 25 k 49 l 6
 m 28 n 11 o 56 p 6
 q 9 r 240
4. a 7 b 6 c 14 d 5
 e 15 f 9 g 20 h 6
 i 32 j 13 k 28 l 9
 m 50 n 15 o 64 p 6
 q 63 r 10
5. a 6 b 5 c 3 d 9
 e + 7 f - 6 g x h ÷
 i + 12 j - 12 k 9 l 8
 m - 36 n 3 o -10 p + 10
 q ÷ r x

Answers to Ch 19 (page 211)

Ch 19 Consolidation Ex (page 211)

1. a calculator
 b rowing boat
2. ladybird, pigeon, squirrel, horse,
 bison
3. red
4. a various b various
5. a 4 kg b 5 kg c 23 kg

Chapter 19 Exercise 1 (page 212)

1. biscuit - phone - camera - iron
2. a kg b g c g
 d kg e g f g

- g g h g i kg
 j kg k g l kg
3. a 3000 g b 5000 g c 9000 g
 d 10000 g e 4500 g f 6500 g
 g 8500 g h 12500 g
4. a 2 kg b 4 kg c 7 kg
 d 6 kg e $1\frac{1}{2}$ kg f $5\frac{1}{2}$ kg
 g $8\frac{1}{2}$ kg h $9\frac{1}{2}$ kg
5. a 2 kg b 3 kg
 c 4 kg d $6\frac{1}{2}$ kg
6. 4 kg
7. a 1500 g b $1\frac{1}{2}$ kg
8. 5500 g

Chapter 19 Exercise 2 (page 214)

1. a jug b skip c oil drum
 d bath e freezer f trunk
2. lizard
3. elephant - cow - goat - hen -
 chick
4. a 6 l b 5 l
 c $2\frac{1}{2}$ l d $\frac{1}{2}$ l

Chapter 19 Exercise 3 (page 215)

1. a litres b ml c litres
 d ml e ml f litres
 g litres h ml i ml or l
 j l or ml k ml l l
2. a 2000 ml b 4000 ml
 c 7000 ml d 12000 ml
3. a 3 l b 5 l
 c 9 l d 11
4. a 3500 ml b 5500 ml c 9500 ml
 d 14500 ml e $2\frac{1}{2}$ l f $6\frac{1}{2}$ l
 g $8\frac{1}{2}$ l h $13\frac{1}{2}$ l
5. a 2 l b 3 l
 c 5 l d $4\frac{1}{2}$ l
6. 75 ml
7. a 100 ml b 10 days
8. 1500 ml
9. a 2 b 10

Chapter 19 Exercise 3 (page 215)

1. a 4 cm^3 b 4 cm^3 c 5 cm^3
 d 8 cm^3 e 10 cm^3 f 8 cm^3
 g 14 cm^3 h 20 cm^3 i 16 cm^3
 j 32 cm^3 k 7 cm^3 l 11 cm^3
 m 15 cm^3 n 12 cm^3 o 15 cm^3
 p 19 cm^3 q 13 cm^3 r 13 cm^3
 s 20 cm^3 t 13 cm^3 u 21 cm^3
 v 16 cm^3 w 14 cm^3 x 16 cm^3
2. a practical b i, k, s, w

Answers to Ch 20 (page 221)

Ch 20 Consolidation Ex (page 221)

1. a 4's b 18 c 18 d 6
2. a £90 b £150 c 4 nights
3. a 16 b 10 c 8 d 1
4. a IIII b IIII IIII
 c IIII IIII IIII IIII
 d IIII IIII IIII IIII IIII I
5. see graph
6. a

| Shampoo | Tally | Total |
|---------|-----------|-------|
| Alvive | III | 3 |
| Radow | IIII | 5 |
| E62 | I | 1 |
| Touch | IIII IIII | 9 |
| Soapy | IIII I | 6 |

- b 1 c Touch d 24
 e 3 f see graph

Answers to Ch 21 (page 224)

Chapter 20 Exercise 1 (page 224)

Some discussion might be required for the answers to this exercise

1. a certain b not likely
 c impossible d likely
 e not likely f evens
 g certain h impossible
 i certain j impossible
 k not likely l evens
2. a unlikely b evens
 c impossible d unlikely
 e evens f likely
 g impossible