

- 1 (a) $\frac{15}{100}$, 15% (b) $\frac{96}{100}$, 96% (c) $\frac{10}{50}$ (or $\frac{1}{5}$), 20% (d) $\frac{7}{10}$, 70%
 (e) $\frac{3}{6}$ (or $\frac{1}{2}$), 50% (f) $\frac{16}{20}$, 80% (g) $\frac{2}{5}$, 40% (h) $\frac{3}{4}$, 75%

- 1 (a) $\frac{31}{100}$, 31% (b) $\frac{30}{60}$ (or $\frac{1}{2}$), 50% (c) $\frac{20}{200}$ (or $\frac{1}{10}$), 10%
 (d) $\frac{100}{500}$ (or $\frac{1}{5}$), 20% (e) $\frac{7}{100}$, 7% (f) $\frac{50}{1000}$ (or $\frac{1}{20}$), 5%
 2 (a) 5% (b) 40% (c) 20%
 3 (a) 3 (b) 20 (c) 250
 (d) 28 (e) 27 (f) 28
 (g) 16 (h) 120 (i) 60

4 Quench 480 ml, Koolora 450 ml, Sunfresh 490 ml

5 25% is soil

6 40 kg fertiliser

160 kg compost

100 kg sand

- 1 (a) 10% (b) 20% (c) 75%
 (d) 25% (e) 20% (f) 50%
 (g) 40% (h) 5% (i) 34%

2 (a) 4 (b) 250 m

(c) £75 (d) £1.50

(e) 1.2 m (f) 150 stamps

(g) 3.5 kg (h) 10 l

3 (a) 4 (b) 9 (c) 26

(d) 200 (e) 3 (f) 110

- 1 (a) 15% (b) 30% (c) 91% (d) 35% (e) 6% (f) 18%
 2 (a) 0.43 , $\frac{43}{100}$ (b) 32%, 0.32 (c) 70%, $\frac{7}{10}$
 (d) 60% or 0.6 (e) 0.08 or $\frac{8}{100}$ (f) 12% or $\frac{12}{100}$

3 (a) 0.65 (b) 27%

4 (a) $\frac{4}{10}$ (b) 0.8 (c) 2.2 (d) 20%

5 (a) T (b) F (c) F (d) T

6 (a) $\frac{3}{4}$, 0.6, 55% (b) 24%, $\frac{4}{20}$

7 9%, 0.9, 99%, 9, 99

8 (a) 0.3, $\frac{35}{100}$, 40% (b) $\frac{14}{100}$, 10%, $\frac{8}{100}$, 0.06

1 16 are boys

2 £21

3 200 children

4 12 games

5 Jamie 75%, Roz 74%

£61-50

6 £109. Most expensive item eligible for $\frac{1}{2}$ price is the sweater (£20).

Use 10% voucher on the jeans, as they are the most expensive item.

Use the £6 off voucher on either the shorts or the gloves.