

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

67

1 16 are boys

2 £21

3 200 children

4 12 games

5 Jamie 75%, Roz 74%

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.

68

1 (a) 0.7 kg, 700 g (b) 0.1 kg, 100 g
(c) 1.7 kg, 1700 g (d) 2.5 kg, 2500 g

2 A 100 g, 0.1 kg E 300 g, 0.3 kg
B 600 g, 0.6 kg F 900 g, 0.9 kg
C 1000 g, 1 kg G 1300 g, 1.3 kg
D 1600 g, 1.6 kg H 1900 g, 1.9 kg or 1800 g, 1.8 kg

3 Pupil's own answers.

4 Pupil's own answers.

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1 Pupil's own answers.

2 Pupil's own answers.

3 (a) 1250 g (b) 3125 g (c) 4568 g (d) 2379 g

4 (a) 5 kg 482 g (b) 7 kg 634 g (c) 9 kg 513 g (d) 6 kg 747 g

5 (a) 7132 g (b) 8 kg 716 g (c) 4303 g (d) 6 kg 948 g
(e) 1255 g (f) 5 kg 681 g (g) 2569 g (h) 9 kg 74 g

70

1 (a) 11 950 kg (b) 34 750 kg (c) 4500 kg

2 (a) 5 tonnes 900 kg (b) 3 tonnes 300 kg (c) 13 tonnes 950 kg

3 Weight of passengers is 3×1 tonne = 3 tonnes = 3000 kg

Weight of bus = 8 tonnes 500 kg = 8500 kg

Total weight = 11 500 kg

4 Weight of truck 5 tonnes

4 bags of gravel 2 tonnes

100 paving slabs 2 tonnes

20 sleepers 1 tonne 800 kg

Total weight 10 tonnes 800 kg

5 Practical work.