

1 Write as a percentage.

(a) 9 out of 90

(b) 7 out of 35

(c) 60 out of 80

(d) 15 out of 60

(e) 14 out of 70

(f) 23 out of 46

(g) 4 out of 10

(h) 1 out of 20

(i) 17 out of 50

2 (a) How many test questions did Kelly answer incorrectly?



Kelly

10 % of my 40 answers were wrong.

(b) For what length of the race was Liam in the lead?



Liam

I led for 25 % of the 1 kilometre race.

(c) How much money did Sunil spend?



Sunil

I spent 25 % of my £300 savings.

(d) How much money did Gaby give to her sister?



Gaby

I gave 30 % of my £5 pocket money to my sister.

(e) What length of Una's rope is frayed?



Una

40 % of this 3 metre rope is frayed.

(f) How many of Adam's stamps are British?



Adam

75 % of my 200 stamps are British.

(g) What weight of potatoes has Harry?



Harry

I have 5 kilograms of vegetables. 70 % are potatoes.

(h) What volume of Lucy's punch is orange juice?



Lucy

I made 30 litres of fruit punch. $33\frac{1}{3}$ % is orange juice.

3 Find

(a) 5 % of 80

(b) 15 % of 60

(c) 13 % of 200

(d) $12\frac{1}{2}$ % of 1600

(e) $2\frac{1}{2}$ % of 120

(f) 11 % of 1000.