

Ratio 1F Assessment

THE ANSWERS

Foundation Level



All questions

Clip	Grade	Title of clip	Question(s)	Marked out of	Score	%
38.....	2.....	Introduction to Ratio	1 - 2	10	___	___
39.....	2.....	Using Ratio for Recipe Questions	3 - 4	7	___	___
40.....	2.....	Introduction to Percentages	5	6	___	___
41.....	2.....	Value for Money	6 - 7	6	___	___
42.....	2.....	Introduction to Proportion	8 - 10	8	___	___
105.....	3.....	Exchanging Money	11	5	___	___
106.....	3.....	Sharing using Ratio	12 - 14	10	___	___
107.....	3.....	Ratios, Fractions and Graphs.....	15 - 16	8	___	___

Out of 60

TOTAL
SCORE _____

Final
Percentage %

- 11) Emma is travelling to Munich.
She changes £450 into Euros (€).
The exchange rate is £1 = €1.37
- a) Work out how many € Emma gets.

€ 616.50 2

On her return home, Emma still has €152
She wants to change them back to £
The exchange rate is now £1 = €1.33

- b) Work out how many £ she would get.

£ 114.29 3

- 12) Bill, Tim and Rose share £120 between them
in the ratio 2 : 1 : 3
How much should each of them receive?

Bill £40

Tim £20

Rose £60 3

- 13) Yasmin and Ibrahim buy a present for their dad,
sharing the cost in the ratio 6 : 5
Ibrahim pays £15
How much did the present cost?

£ 33 3

- 14) To obtain the desired colour for his project,
Rick is mixing red paint with yellow paint
in the ratio 5 : 3
A litre of red paint costs £4.99 and a litre of
yellow paint costs £7.99
If Rick needs 40 litres of his desired colour,
how much will it cost him?

£ 244.60 4

- 15) In a class, the ratio of boys to girls is 3 : 2

- a) What fraction of the class are boys?

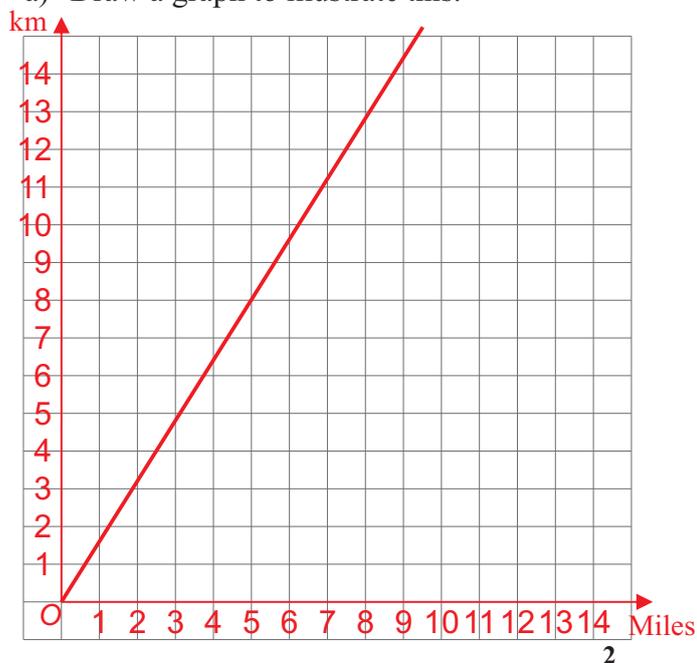
$\frac{3}{5}$ 1

- b) What fraction of the class are girls?

$\frac{2}{5}$ 1

- 16) Miles and km are in the ratio 5 : 8

- a) Draw a graph to illustrate this.



- b) Use your graph to convert 12 km to miles.

7.5 miles 1

Carol is on a 1200 km journey by car.
She has already travelled 300 miles.

- c) Work out how many km she has left.

720 km 3