

Fractions B

Name: _____

1 Match the multiplications to the repeated additions.

$4 \times \frac{1}{6}$

$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

$\frac{1}{6} \times 5$

$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

$5 \times \frac{1}{5}$

$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

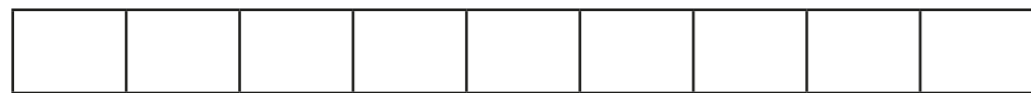
2 marks

2 Use the bar models to help you complete the multiplications.

$4 \times \frac{1}{9} = \square$

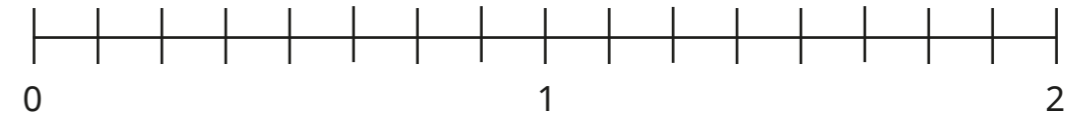


$4 \times \frac{2}{9} = \square$

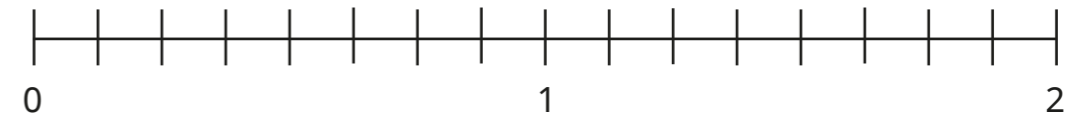

1 mark
1 mark

3 Use the number lines to help you complete the multiplications.

$5 \times \frac{1}{8} = \square$


1 mark

$5 \times \frac{2}{8} = \square$


1 mark

4 Complete the calculations.

Write your answers as mixed numbers or whole numbers.

$\frac{1}{4} \times 9 = \square$

1 mark

$\frac{2}{3} \times 5 = \square$

1 mark

$5 \times \frac{4}{5} = \square$

1 mark

- 5 A bottle of orange juice contains $\frac{3}{4}$ of a litre.
How much orange juice will there be in 5 bottles?


 litres

1 mark

- 6 Complete the calculations.
Write your answers as mixed numbers or whole numbers.

$1\frac{1}{3} \times 3 =$

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1 mark

$2\frac{4}{5} \times 4 =$

1 mark

- 7 Work out the fractions of amounts.

$\frac{1}{5}$ of 60 =

$\frac{4}{5}$ of 60 =

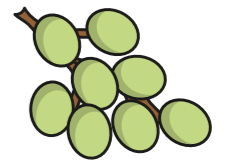
2 marks

$\frac{1}{9}$ of 63 =

$\frac{9}{9}$ of 63 =

2 marks

- 8 Max eats $\frac{3}{4}$ of a bunch of grapes.
He has 16 grapes left.
How many grapes did he have at the start?
You may use the bar model to help.



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1 mark

- 9 Work out the fractions of amounts.

$\frac{2}{6}$ of = 50

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1 mark

$\frac{3}{8}$ of = 15

1 mark

- 10 Complete the multiplication.

$\frac{7}{12} \times 144 =$

1 mark