Version A

Fractions B

Name: _____

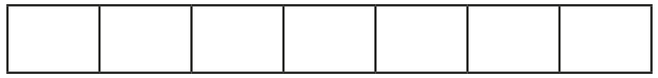
1 Match the multiplications to the repeated additions.

$4 \times \frac{1}{5}$	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$
$\frac{1}{5} \times 5$	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$
$5 \times \frac{1}{4}$	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

2 marks

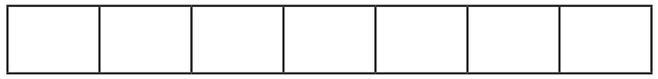
2 Use the bar models to help you complete the multiplications.

$4 \times \frac{1}{7} =$ ☐



1 mark

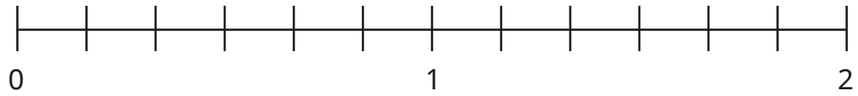
$3 \times \frac{2}{7} =$ ☐



1 mark

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

$5 \times \frac{1}{6} =$ ☐



1 mark

$4 \times \frac{2}{6} =$ ☐

1 mark

4 Complete the calculations.

Write your answers as mixed numbers or whole numbers.

$\frac{1}{3} \times 7 =$ ☐

1 mark

$\frac{2}{5} \times 8 =$ ☐

1 mark

$4 \times \frac{3}{4} =$ ☐

1 mark

5 A bottle of orange juice contains $\frac{3}{4}$ of a litre.

How much orange juice will there be in 3 bottles?

litres

1 mark

6 Complete the calculations.

Write your answers as mixed numbers or whole numbers.

$1\frac{2}{3} \times 3 =$

1 mark

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

1 mark

7 Work out the fractions of amounts.

$\frac{1}{5}$ of 55 =

$\frac{4}{5}$ of 55 =

2 marks

$\frac{1}{9}$ of 72 =

$\frac{9}{9}$ of 72 =

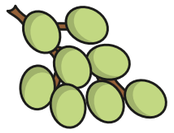
2 marks

8 Max eats $\frac{3}{4}$ of a bunch of grapes.

He has 12 grapes left.

How many grapes did he have at the start?

You may use the bar model to help.



1 mark

9 Work out the fractions of amounts.

$\frac{2}{6}$ of = 30

1 mark

$\frac{3}{8}$ of = 30

1 mark

10 Complete the multiplication.

$\frac{6}{7} \times 84 =$

1 mark