Fractions B

A

Name _____

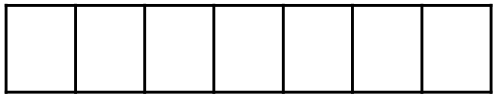
1 Match the multiplications to the repeated additions.

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

2 marks

2 Use the bar models to calculate.

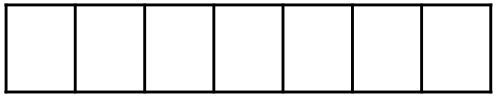
$4 \times \frac{1}{7}$



_____

1 mark

$3 \times \frac{2}{7}$



_____

1 mark

3 Use the number lines to calculate.

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

_____

1 mark

$4 \times \frac{2}{6}$

_____

1 mark

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

$\frac{1}{3} \times 7$ _____

$\frac{2}{5} \times 8$ _____

$4 \times \frac{3}{4}$ _____

3 marks

White Rose Maths

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

_____

1 mark

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

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

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

2 marks

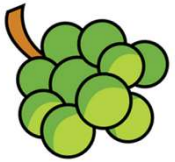
7 Calculate.

$\frac{1}{5}$ of 55 = _____ $\frac{4}{5}$ of 55 = _____

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

4 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?

_____

2 marks

9 Calculate.

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

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

2 marks

White Rose Maths