Fractions B

A

Name _____

1 Match the multiplications to the repeated additions.

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

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

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

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

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

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

2 marks

2 Use the bar models to calculate.

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

$\frac{4}{7}$

1 mark

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

$\frac{6}{7}$

1 mark

3 Use the number lines to calculate.

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

$\frac{5}{6}$

1 mark

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

$1\frac{2}{6}$

1 mark

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

$\frac{1}{3} \times 7$ $2\frac{1}{3}$

$\frac{2}{5} \times 8$ $3\frac{1}{5}$

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

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?

$2\frac{1}{4}$ litres

1 mark

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

$1\frac{2}{3} \times 3 =$ 5

$2\frac{3}{5} \times 2 =$ $5\frac{1}{5}$

2 marks

7 Calculate.

$\frac{1}{5}$ of 55 = 11

$\frac{4}{5}$ of 55 = 44

$\frac{1}{9}$ of 72 = 8

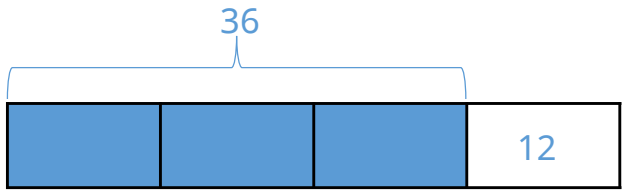
$\frac{9}{9}$ of 72 = 72

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?

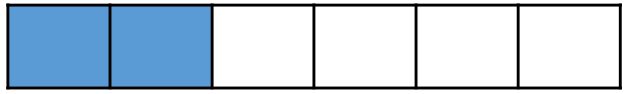


48

2 marks

9 Calculate.

$\frac{2}{6}$ of 90 = 30



$\frac{3}{8}$ of 80 = 30

2 marks

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