MULTIPLY NON-UNIT FRACTIONS BY AN INTEGER

White Rose Maths

GET READY

White Rose Maths

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

2) Which is correct?

$\frac{1}{5} \times 4 = \frac{4}{20}$

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

3) $\square = 11 \times \frac{1}{5}$

4) $\frac{\square}{13} \times 3 = \frac{3}{13}$

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

2) Which is correct?

$\frac{1}{5} \times 4 = \frac{4}{20}$

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

3) $\boxed{2\frac{1}{5}} = 11 \times \frac{1}{5}$

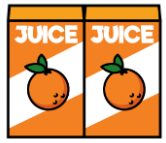
4) $\frac{\boxed{1}}{13} \times 3 = \frac{3}{13}$

LET'S LEARN

White Rose Maths

Ron drinks $\frac{2}{9}$ l of orange juice each day for 3 days.

How much orange juice does Ron drink during the 3 days altogether?



Have a think


$\frac{2}{9}$


$\frac{2}{9}$


$\frac{2}{9}$

$\frac{2}{9} + \frac{2}{9} + \frac{2}{9} = \frac{6}{9}$ l

$\frac{2}{9} \times 3 = \frac{6}{9} = \frac{2}{3}$ l

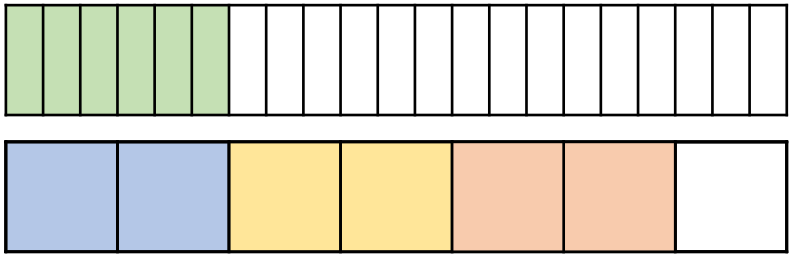
$$\frac{2}{7} \times 3 = \frac{6}{7}$$

Have a think

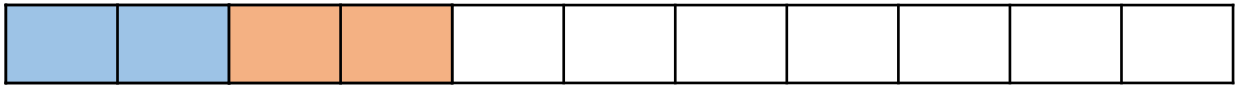
$2 \times 3 = 6$ and $7 \times 3 = 21$

So the answer is $\frac{6}{21}$

$$\frac{2}{7} + \frac{2}{7} + \frac{2}{7}$$

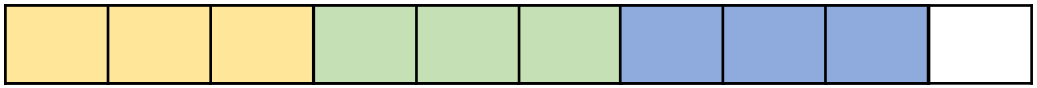


$$\frac{2}{11} + \frac{2}{11} = 2 \times \frac{2}{11} = \frac{4}{11}$$



Have a think

$$\frac{3}{10} \times 3 = \frac{3}{10} + \frac{3}{10} + \frac{3}{10} = \frac{9}{10}$$



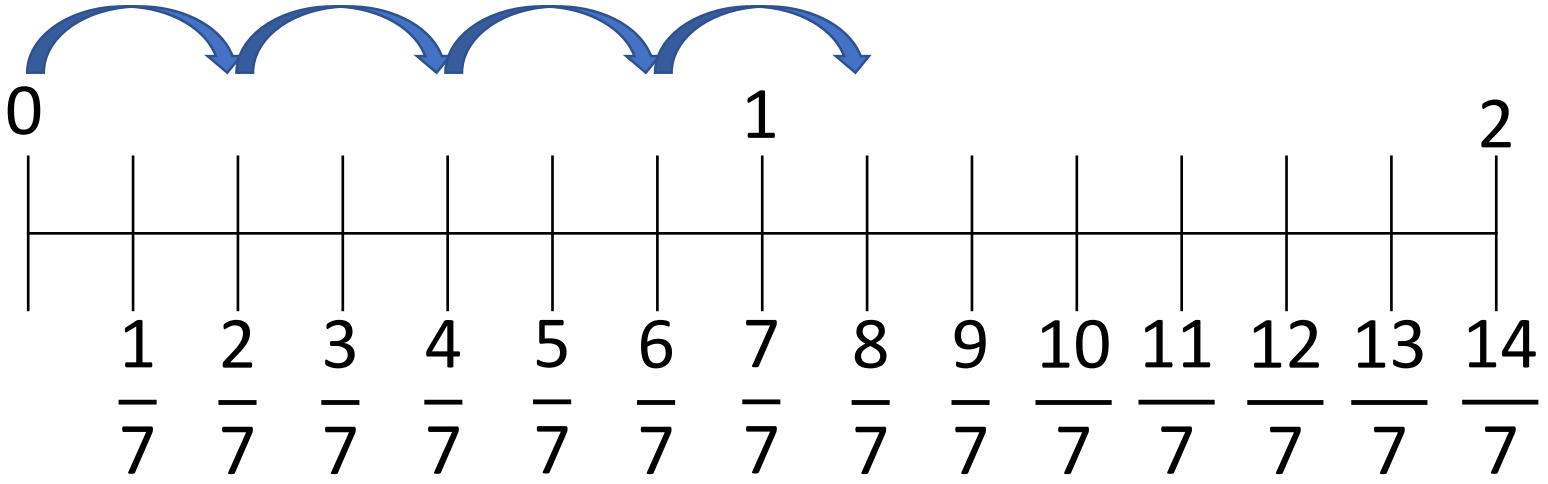
YOUR TURN

Have a go at questions
1 - 4 on the worksheet

White Rose Maths

$$4 \times \frac{2}{7} = \frac{8}{7} = 1\frac{1}{7}$$

Have a think



$13 \times \frac{3}{8} = \frac{39}{8} = 4\frac{7}{8}$

Have a think

$\frac{5}{6} \times 6 = \frac{30}{6} = 5$

$\frac{3}{11} \times \boxed{11} = 3 = \frac{33}{11}$

$$\boxed{38} \times \frac{\boxed{1}}{9} = 4 = \frac{36}{9}$$

Factors of 36

$36 \times 1 = 36$

Have a think

The fraction is a non-unit fraction.

$18 \times 2 = 36$

YOUR TURN

Have a go at questions 5 - 7 on the worksheet

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