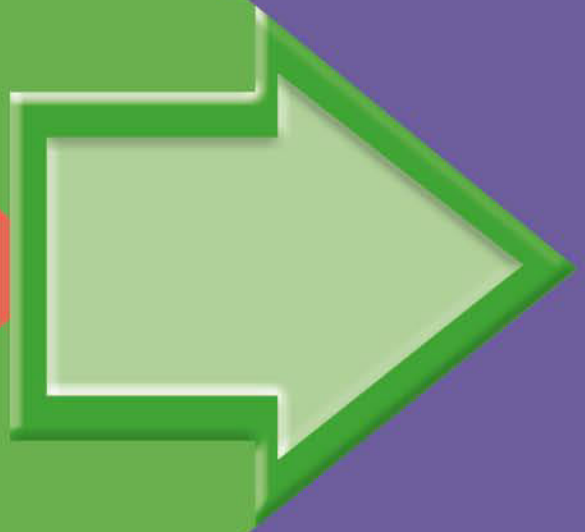
ADD FRACTIONS



White Rose Maths

GET READY

White Rose Maths

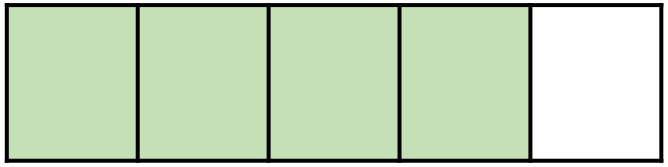
1) 2 apples + 4 apples = _____ apples

2 ones + 4 ones = _____ ones

2 thousands + 4 thousands = _____

£2 + £4 = ____

2) What fraction is shown?



3) Show $\frac{3}{7}$ on a bar model.

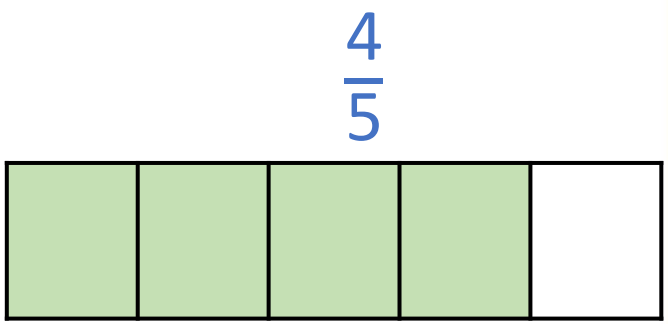
1) 2 apples + 4 apples = 6 apples

2 ones + 4 ones = 6 ones

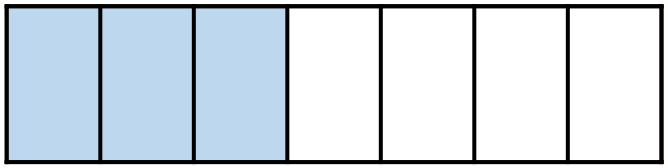
2 thousands + 4 thousands = 6 thousands

£2 + £4 = £6

2) What fraction is shown?



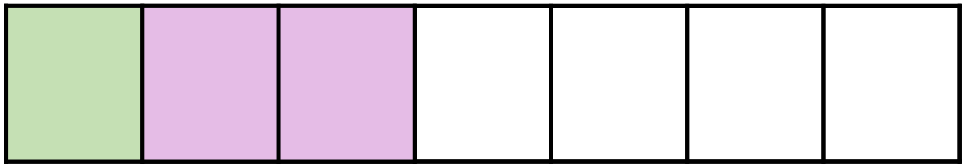
3) Show $\frac{3}{7}$ on a bar model.



LET'S LEARN

White Rose Maths

$$\frac{1}{7} + \frac{2}{7} = \frac{3}{7}$$



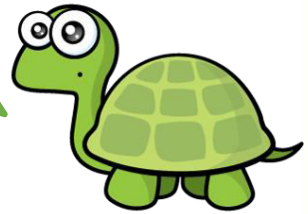
one seventh + two sevenths = three sevenths

$\frac{2}{7} + \frac{4}{7} =$

$2 + 4 = 6$

$7 + 7 = 14$

So the answer is $\frac{6}{14}$



Do you agree with Tiny?

Have a think

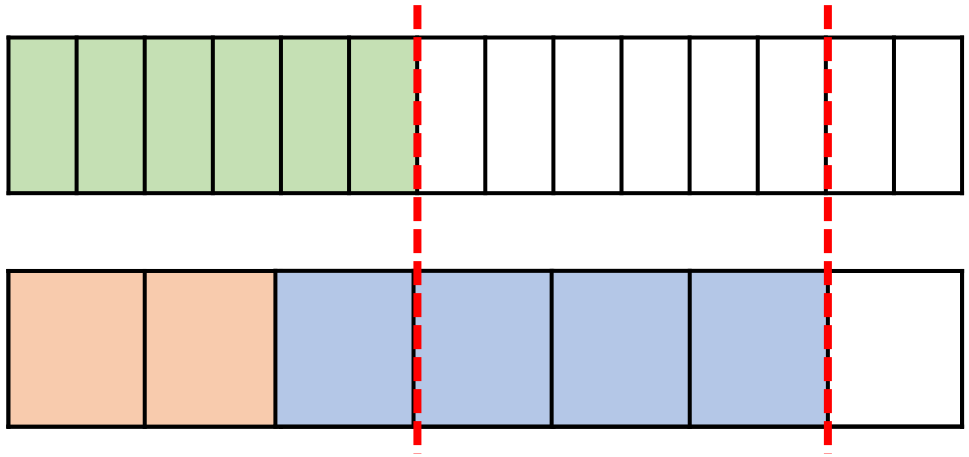
$$\frac{2}{7} + \frac{4}{7} = \frac{6}{7}$$

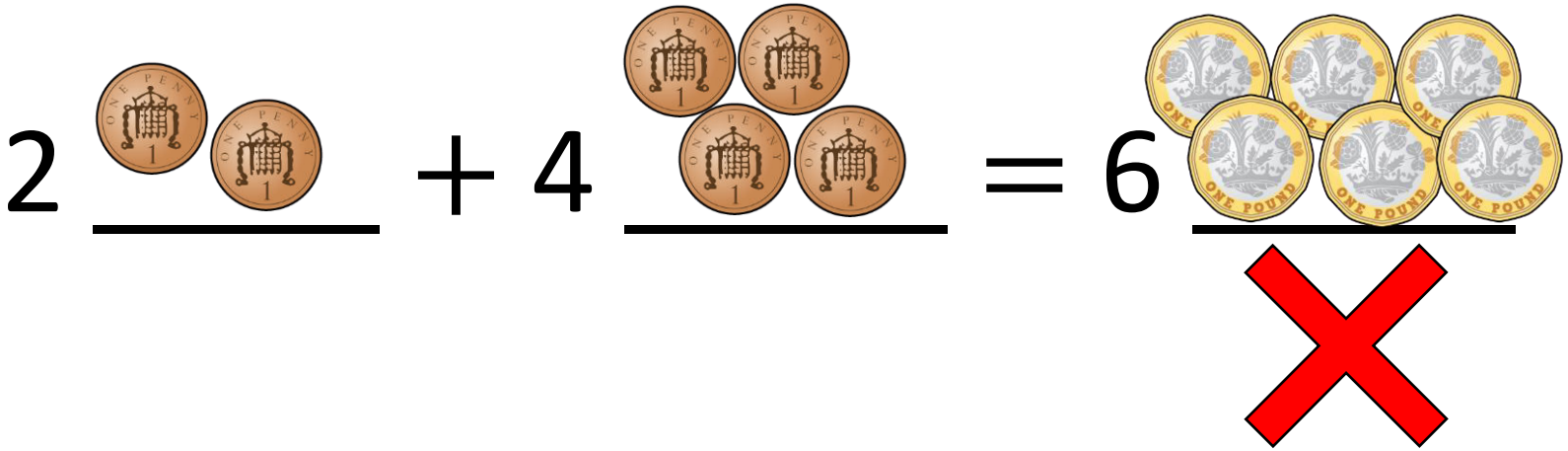
$2 + 4 = 6$

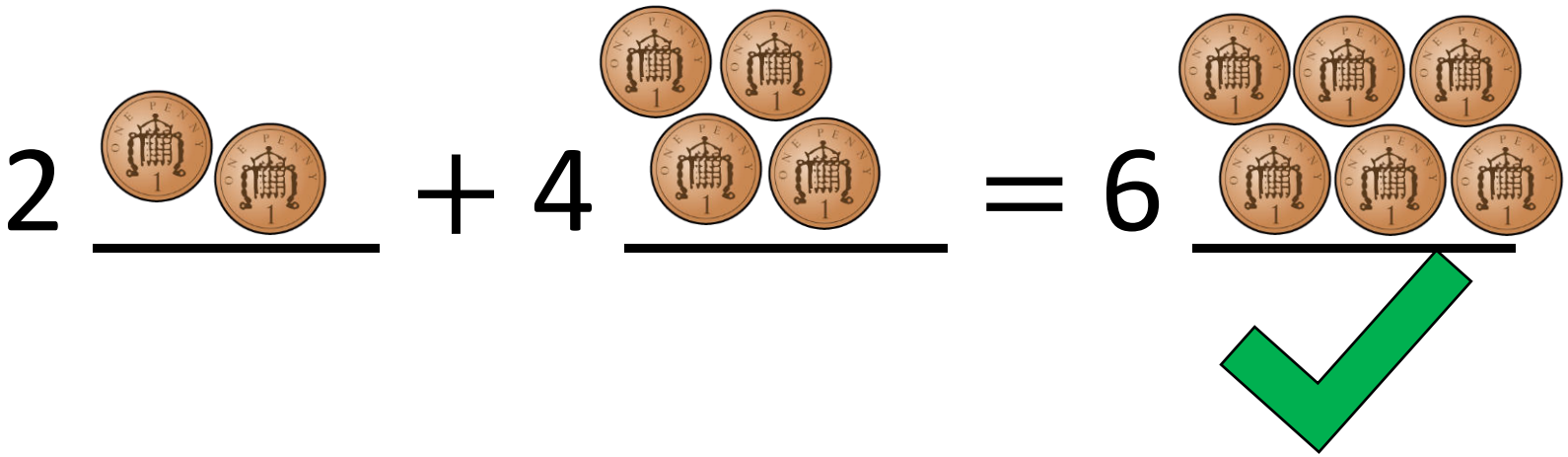
$7 + 7 = 14$

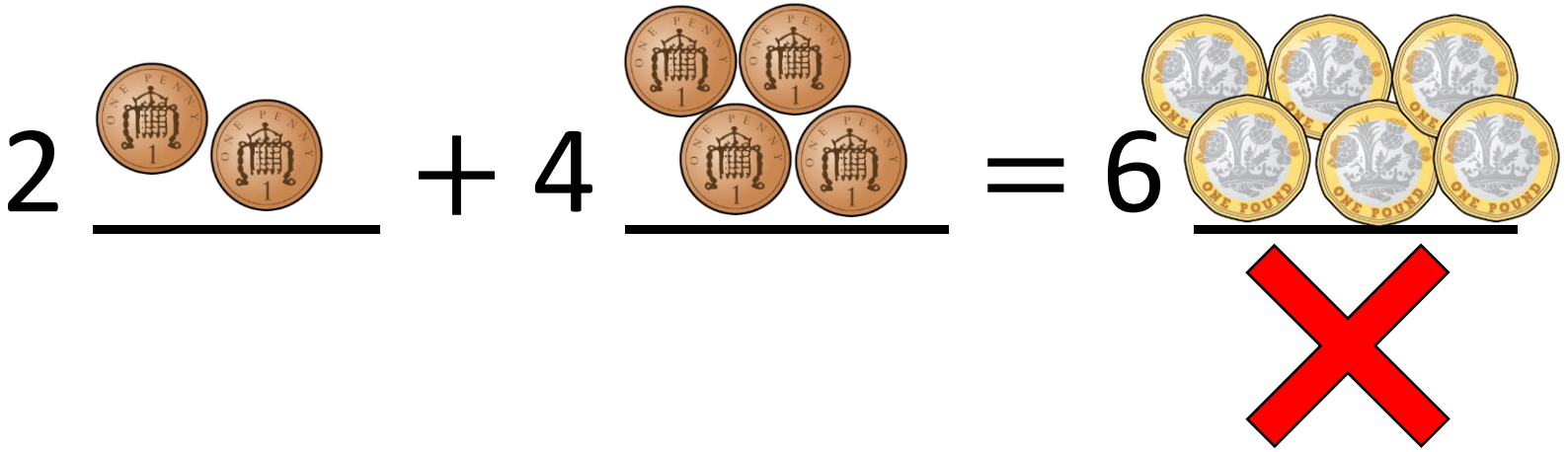
so the answer is $\frac{6}{14}$

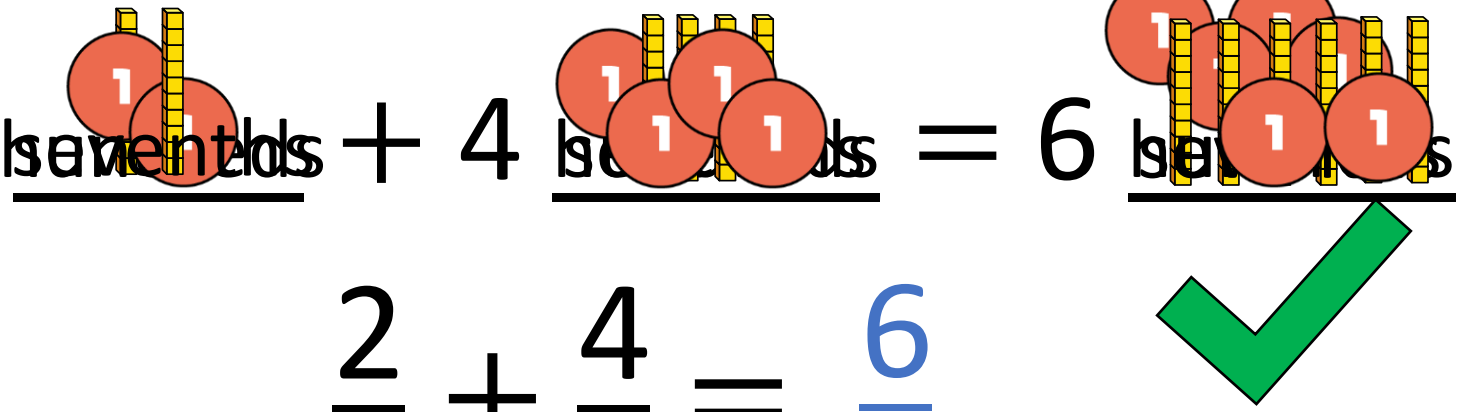
Oh wait I see now it's $\frac{6}{7}$







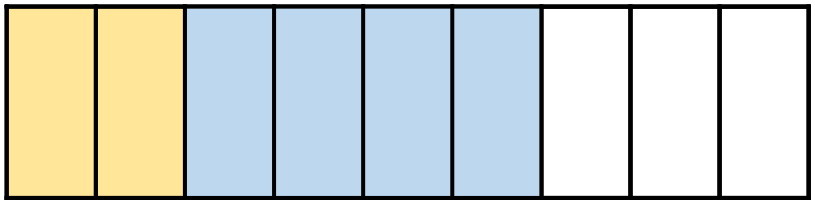


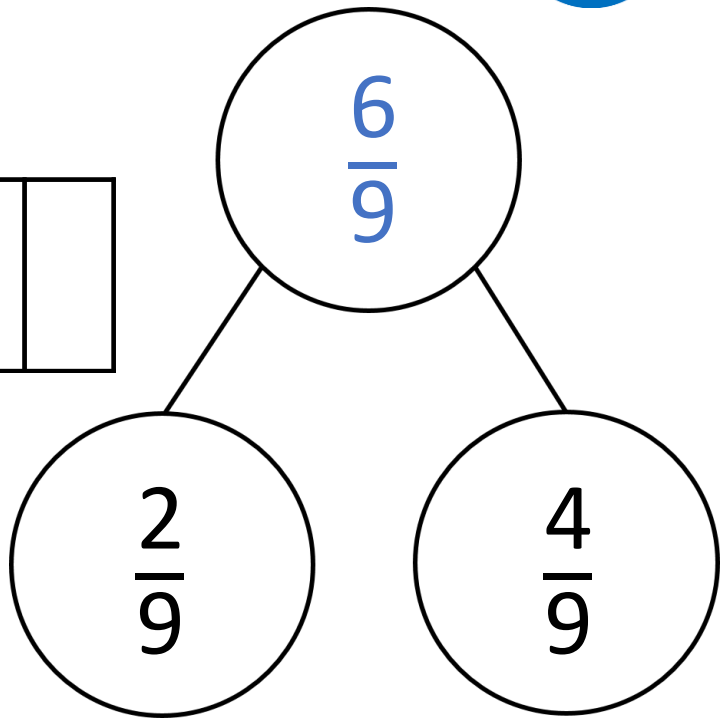


$$\frac{2}{7} + \frac{4}{7} = \frac{6}{7}$$

$\frac{2}{9} + \frac{4}{9} = \frac{6}{9}$

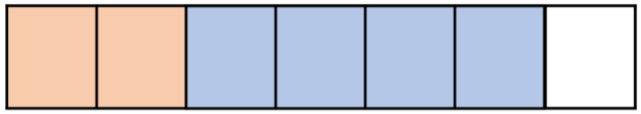
Have a think





$\frac{1}{7} + \frac{2}{7} = \frac{3}{7}$

$\frac{2}{7} + \frac{4}{7} = \frac{6}{7}$



$\frac{2}{9} + \frac{4}{9} = \frac{6}{9}$

What do you notice?

Have a think

Add the numerators

Keep the denominators the same

YOUR TURN

Have a go at questions 1 – 3 on the worksheet

White Rose Maths

1 2 3 4 5 6

$$\frac{\square}{9} + \frac{\square}{9} = \frac{\square}{9}$$

You can use each digit card once per solution.

How many solutions can you find?

$\frac{1}{9} + \frac{2}{9} = \frac{3}{9}$

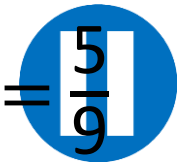
$\frac{1}{9} + \frac{3}{9} = \frac{4}{9}$

$\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

$\frac{1}{9} + \frac{5}{9} = \frac{6}{9}$

$\frac{2}{9} + \frac{3}{9} = \frac{5}{9}$

$\frac{2}{9} + \frac{4}{9} = \frac{6}{9}$



YOUR TURN

Have a go at the rest of the questions on the worksheet

White Rose Maths