



Adding Fractions

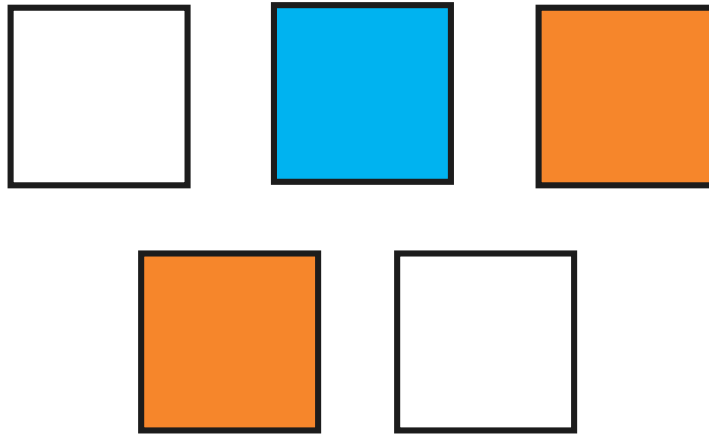
A task setting PowerPoint Pack about adding fractions.



Fractions can be added and subtracted. It is much easier to do when the denominators are both the same number.

Adding Fractions

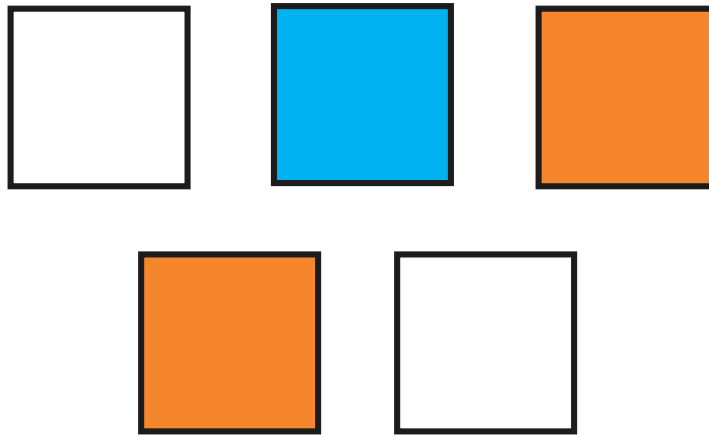
As a fraction, how many of the boxes are coloured?



First of all we need to know the **denominator**.
Secondly, we need to find the **fractions of the coloured boxes**.
Lastly, we **add** these two fractions together.

Adding Fractions

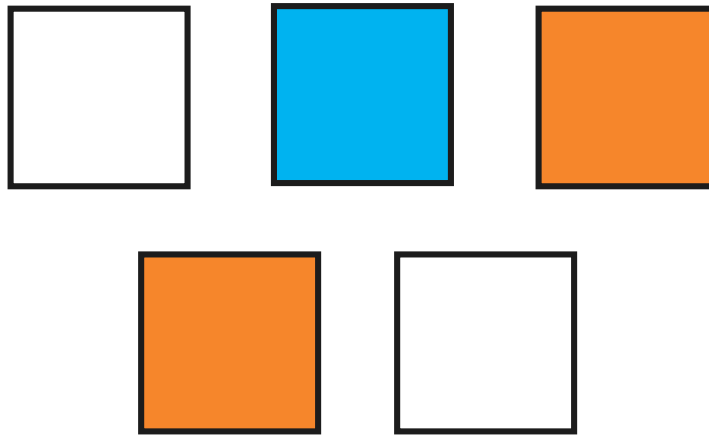
As a fraction, how many of the boxes are blue?



$\frac{1}{5}$ of the boxes are blue.

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As a fraction, how many of the boxes are orange?



$\frac{1}{5}$ of the boxes are blue. $\frac{2}{5}$ of the boxes are orange.

We now have our 2 fractions!

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To find the amount of coloured boxes, we add both of these fractions together.

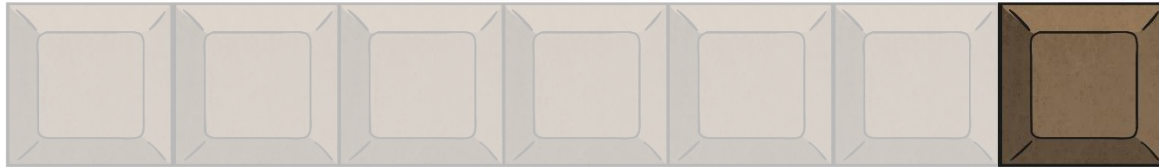
$$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$$

The denominators are both the same number so we leave them as they are, they don't get added together (this is very important).

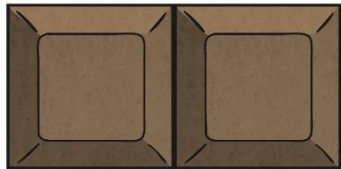
We simply add the two numerators together!

Adding Fractions

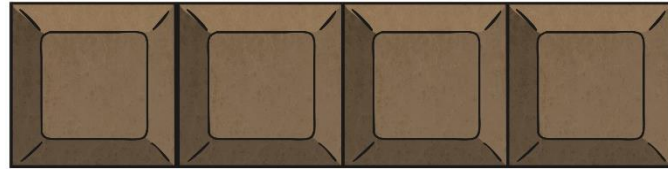
Jessie and James share a chocolate bar.



Jessie eats $\frac{2}{7}$ of it.



James eats $\frac{4}{7}$ of it.



As a fraction, how much of the chocolate bar did Jessie and James eat all together?

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

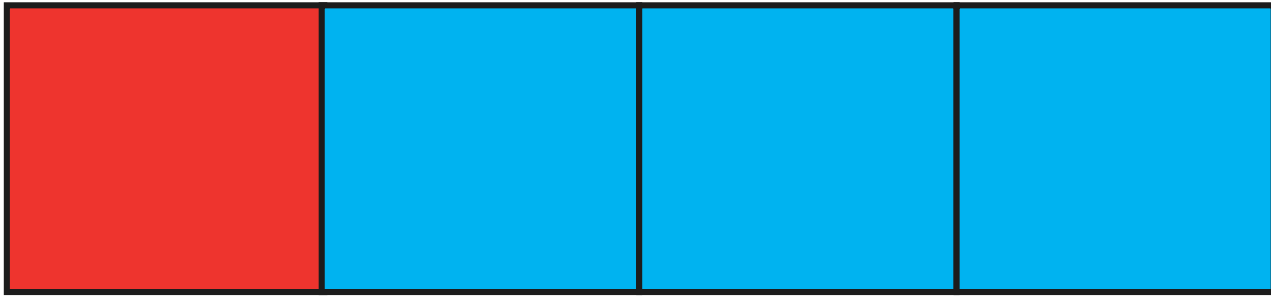
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To find the amount of chocolate eaten altogether, we add...

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

Think: What happens when the denominators are the same?

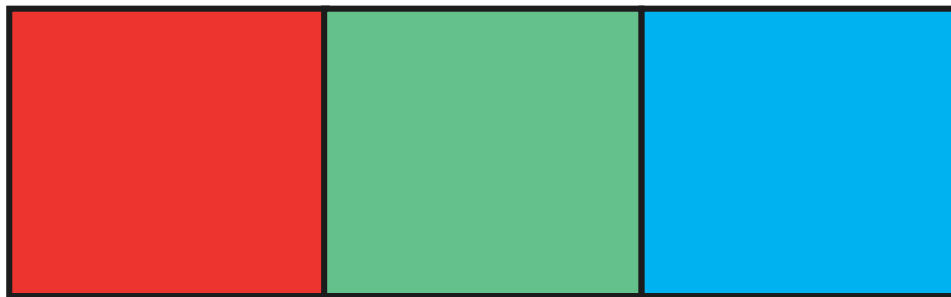
Adding Fractions



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

red blue

Adding Fractions



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

red green

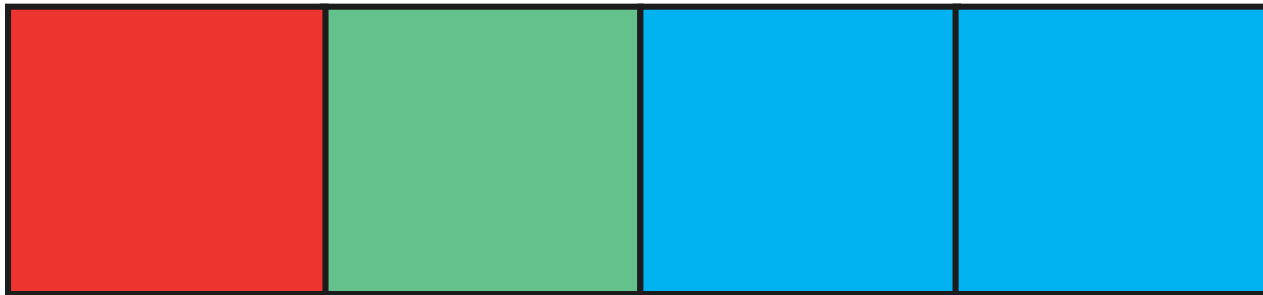
Adding Fractions



$$\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$$

red green

Adding Fractions



$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$$

red green

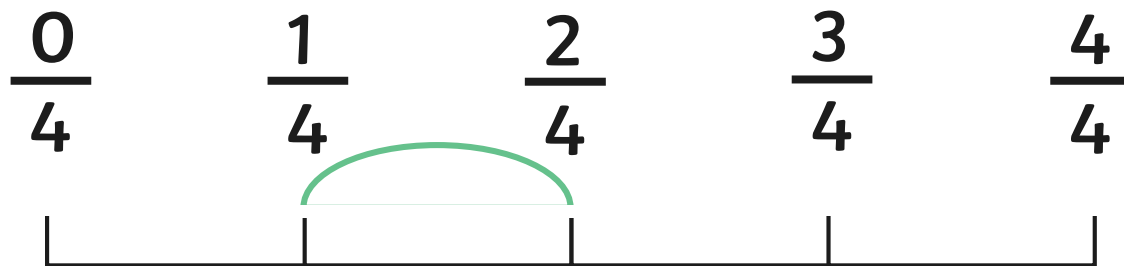
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$$\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$$

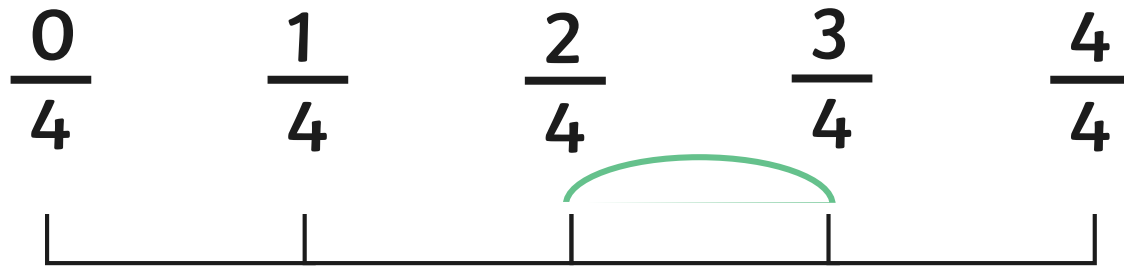
red green

Adding Fractions



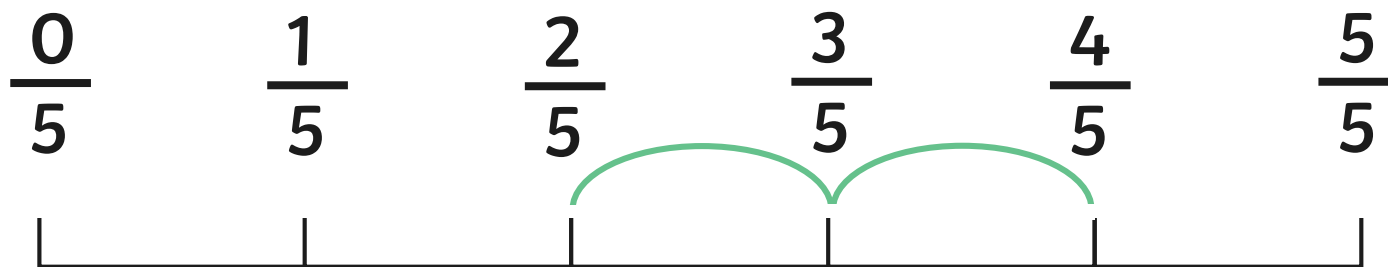
$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$$

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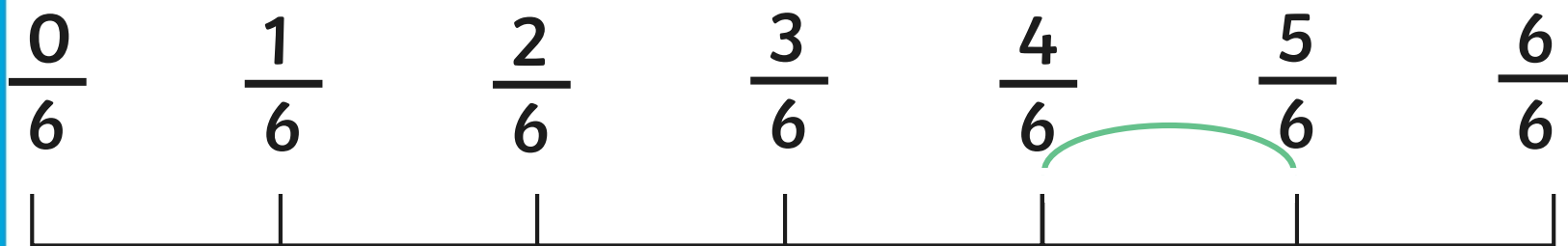
$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

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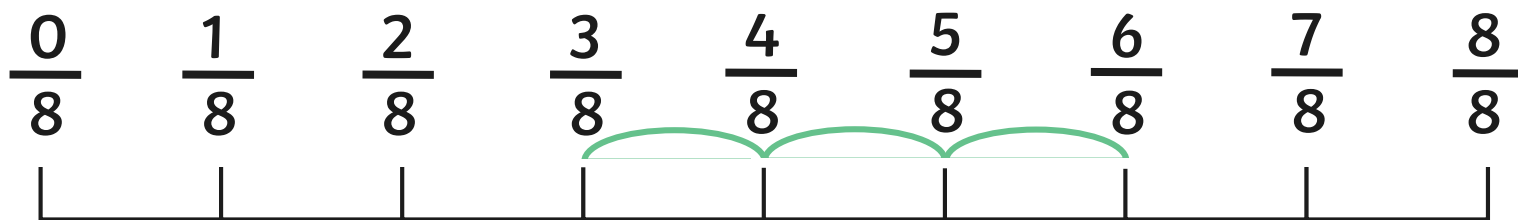
$$\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$$

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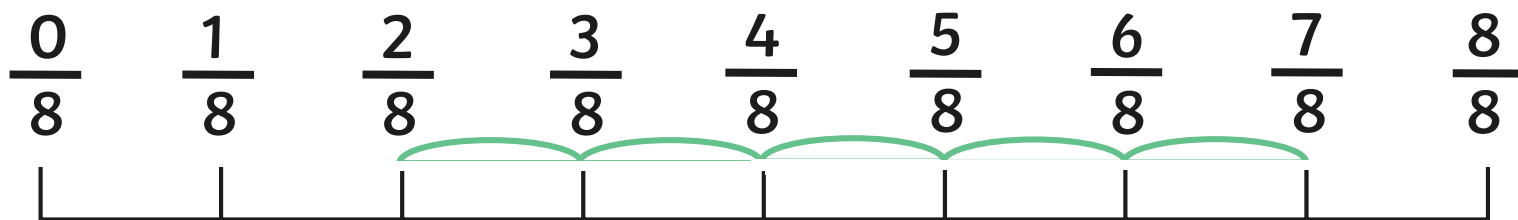
$$\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$$

Adding Fractions



$$\frac{3}{8} + \frac{3}{8} = \frac{6}{8}$$

Adding Fractions



$$\frac{2}{8} + \frac{5}{8} = \frac{7}{8}$$

Adding Fractions

$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$$

Adding Fractions

$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

Adding Fractions

$$\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$$

Adding Fractions

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6}$$

Adding Fractions

$$\frac{4}{8} + \frac{1}{8} = \frac{5}{8}$$

Adding Fractions

$$\frac{3}{10} + \frac{2}{10} = \frac{5}{10}$$

Adding Fractions

$$\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$$

