## ADD FRACTIONS

## WITHIN I ACTIVITY

## GET READY

1) $\frac{6}{4}+\frac{3}{4}=\square=\square$

2) $\frac{5}{6}+\frac{7}{6}=\square+\frac{1}{13}$

3) Complete the part-whole model: $\frac{30}{9}$

$$
\text { 1) } \frac{6}{4}+\frac{3}{4}=\frac{9}{4}=2 \frac{1}{4}
$$


2) $\frac{5}{6}+\frac{7}{6}=\frac{25}{13}+\frac{1}{13}$

$$
\frac{12}{6}=2 \quad \frac{26}{13}=2
$$


3) Complete the part-whole model: $\frac{30}{9}$

## LET'S LEARN


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

## Use fraction strips to help you calculate

## $\frac{1}{4}+\frac{1}{12}$



We need to find a common denominator.
We must find the lowest common multiple of 4 and 12

$$
\frac{1}{4}+\frac{1}{12}
$$

First divide each quarter into 3 equal parts.


| $\frac{1}{12}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

$$
\frac{3}{12}+\frac{1}{12}=\frac{4}{12}=\frac{1}{3}
$$

Use the fraction strips to help you work out $\frac{1}{6}+\frac{1}{2}$


Think about which fraction strip needs dividing.
$\frac{1}{6}+\frac{1}{2}$


Use the fraction strips to help you add together these pairs of fractions.

$$
\frac{1}{2}+\frac{1}{8}=\frac{5}{8}
$$

$$
\frac{1}{6}+\frac{2}{3}=\frac{5}{6}
$$



$$
\frac{4}{15}+\frac{2}{5}=\frac{10}{15}=\frac{2}{3}
$$




