

Worksheet 9

Adding Fractions

1 Add and give your answer in the simplest form.

$$(a) \quad \frac{1}{10} + \frac{2}{10} = \boxed{\frac{3}{10}}$$

$$(b) \quad \frac{3}{7} + \frac{2}{7} = \boxed{\frac{5}{7}}$$

$$(c) \quad \frac{1}{9} + \frac{2}{9} = \boxed{\frac{3}{9}}$$

$$(d) \quad \frac{1}{8} + \frac{1}{8} = \boxed{\frac{2}{8}}$$

$$= \boxed{\frac{1}{3}}$$

$$= \boxed{\frac{1}{4}}$$

2 Add and give your answer in the simplest form.

$$(a) \quad \frac{1}{2} + \frac{1}{10}$$

$$= \boxed{\frac{5}{10}} + \boxed{\frac{1}{10}}$$

$$= \boxed{\frac{6}{10}}$$

$$= \boxed{\frac{3}{5}}$$

$$(b) \quad \frac{1}{6} + \frac{5}{12}$$

$$= \boxed{\frac{2}{12}} + \boxed{\frac{5}{12}}$$

$$= \boxed{\frac{7}{12}}$$

$$\begin{aligned}
 \text{(c)} \quad & \frac{1}{2} + \frac{1}{6} \\
 &= \frac{3}{6} + \frac{1}{6} \\
 &= \frac{4}{6} \\
 &= \frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 \text{(d)} \quad & \frac{6}{15} + \frac{2}{5} \\
 &= \frac{6}{15} + \frac{6}{15} \\
 &= \frac{12}{15} \\
 &= \frac{4}{5}
 \end{aligned}$$

3 Add and give your answer in the simplest form.

$$\begin{aligned}
 \text{(a)} \quad & \frac{2}{9} + \frac{1}{3} + \frac{1}{9} \\
 &= \frac{2}{9} + \frac{3}{9} + \frac{1}{9} \\
 &= \frac{6}{9} \\
 &= \frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 \text{(b)} \quad & \frac{1}{8} + \frac{1}{6} + \frac{1}{3} \\
 &= \frac{3}{24} + \frac{4}{24} + \frac{8}{24} \\
 &= \frac{15}{24} \\
 &= \frac{5}{8}
 \end{aligned}$$