

Adding Fractions

1 Add and then write each fraction in its simplest form.



$$\frac{4}{9}$$



$$\frac{8}{9}$$



$$\frac{7}{9}$$

$$\begin{aligned} \text{(a)} \quad \frac{4}{9} + \frac{8}{9} &= \boxed{\frac{\quad}{9}} \\ &= 1 + \boxed{\frac{\quad}{9}} \\ &= \boxed{\quad} \end{aligned}$$

$$\begin{aligned} \text{(b)} \quad \frac{8}{9} + \frac{7}{9} &= \boxed{\quad} \\ &= \boxed{\quad} + \boxed{\quad} \\ &= \boxed{\quad} + \boxed{\quad} \\ &= \boxed{\quad} \end{aligned}$$

$$\begin{aligned} \text{(c)} \quad \frac{4}{9} + \frac{8}{9} + \frac{7}{9} &= \boxed{\quad} \\ &= \boxed{\quad} + \boxed{\quad} = \boxed{\quad} \end{aligned}$$

2 Show your answers in the simplest form.

$$(a) \quad \frac{3}{4} + \frac{3}{4} = \boxed{\frac{\quad}{4}} = \boxed{\quad}$$

$$(b) \quad \frac{7}{6} + \frac{3}{6} = \boxed{\frac{\quad}{6}} = \boxed{\quad}$$

$$(c) \quad \frac{13}{12} + \frac{8}{12} = \boxed{\frac{\quad}{12}} = \boxed{\quad}$$

$$(d) \quad \frac{7}{10} + \frac{9}{10} = \boxed{\frac{\quad}{10}} = \boxed{\quad}$$

3 Add and then write each answer in its simplest form.

$$(a) \quad \frac{5}{6} + \frac{3}{6} = 1 + \boxed{\frac{\quad}{6}} = \boxed{\quad}$$

$$(b) \quad \frac{5}{8} + \frac{7}{8} = \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

$$(c) \quad 2\frac{9}{10} + \frac{6}{10} = \boxed{\quad} + \boxed{\quad} \\ = \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

$$(d) \quad \frac{3}{4} + \frac{3}{4} + \frac{4}{4} = \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$