

Orange



- 1) Add these mixed numbers by adding the wholes together and then the fractions. Give each answer in its simplest form. The first one has been done for you.

a) $2\frac{1}{4} + 1\frac{3}{8} = 2\frac{2}{8} + 1\frac{3}{8} = 3 + \frac{5}{8} = 3\frac{5}{8}$

b) $1\frac{2}{3} + 1\frac{1}{6} = 1\frac{\boxed{}}{\boxed{}} + 1\frac{\boxed{}}{\boxed{}} = \boxed{} + \frac{\boxed{}}{\boxed{}} = \boxed{}\frac{\boxed{}}{\boxed{}}$

c) $3\frac{1}{5} + 1\frac{3}{10} = \underline{\hspace{10cm}}$

d) $2\frac{2}{9} + 5\frac{1}{3} = \underline{\hspace{10cm}}$

- 2) Now, convert these mixed numbers into improper fractions to add them together. Give your answer as a mixed number. The first one has been done for you.

a) $1\frac{1}{2} + 1\frac{3}{6} = \frac{3}{2} + \frac{11}{6} = \frac{12}{6} + \frac{11}{6} = \frac{23}{6} = 2\frac{7}{6}$

b) $2\frac{3}{10} + 1\frac{2}{5} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} = \boxed{}\frac{\boxed{}}{\boxed{}}$

c) $1\frac{1}{9} + 1\frac{2}{3} = \underline{\hspace{10cm}}$

d) $2\frac{1}{3} + 2\frac{1}{6} = \underline{\hspace{10cm}}$

- 3) Match each addition to the correct answer. Choose your favourite method to solve the calculations.

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

$3\frac{5}{6}$

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

$4\frac{1}{6}$

$1\frac{2}{3} + \frac{13}{6}$

$5\frac{1}{6}$





1) a) $2\frac{1}{4} + 1\frac{3}{8} = 2\frac{2}{8} + 1\frac{3}{8} = 3 + \frac{5}{8} = 3\frac{5}{8}$

b) $1\frac{2}{3} + 1\frac{1}{6} = 1\frac{4}{6} + 1\frac{1}{6} = 2 + \frac{5}{6} = 2\frac{5}{6}$

c) $3\frac{1}{5} + 1\frac{3}{10} = 3\frac{2}{10} + 1\frac{3}{10} = 4 + \frac{5}{10} = 4\frac{5}{10} = 4\frac{1}{2}$

d) $2\frac{2}{9} + 5\frac{1}{3} = 2\frac{2}{9} + 5\frac{3}{9} = 7 + \frac{5}{9} = 7\frac{5}{9}$

2) a) $1\frac{1}{2} + 1\frac{3}{8} = \frac{8}{8} + \frac{11}{8} = \frac{12}{8} + \frac{11}{8} = \frac{23}{8} = 2\frac{7}{8}$

b) $2\frac{3}{10} + 1\frac{7}{5} = \frac{23}{10} + \frac{7}{5} = \frac{23}{10} + \frac{14}{10} = \frac{37}{10} = 3\frac{7}{10}$

c) $1\frac{1}{9} + 1\frac{2}{3} = \frac{10}{9} + \frac{5}{3} = \frac{10}{9} + \frac{15}{9} = \frac{25}{9} = 2\frac{7}{9}$

d) $2\frac{1}{3} + 2\frac{1}{6} = \frac{7}{3} + \frac{13}{6} = \frac{14}{6} + \frac{13}{6} = \frac{27}{6} = 4\frac{3}{6} = 4\frac{1}{2}$

3)

