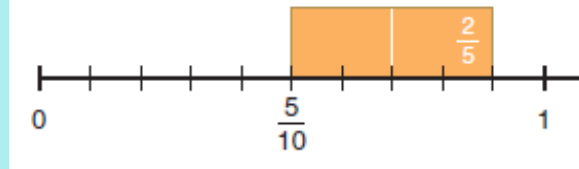


1) BEDMAS: $6 + 2 - 2$

2) 0.5×12

3) $\$2.75 + \1.35

4) Write a subtraction sentence for:



5) $72 \div 9$

6) 0.7×2

7) $42 \div 7$

8) 12×20

9) $8004 \div 2$

10) Add a digit to make this number divisible by 3

15____



Mixed number to
Improper THEN
simplest form:

$$c) 1\frac{3}{4} = \frac{7}{4}$$

Handwritten green annotations: a green arrow points from the 1 to the 4, and a green circle is drawn around the 7 in the numerator.

$$d) 3\frac{3}{5} = \frac{18}{5}$$

Handwritten green annotations: a green arrow points from the 3 to the 5, and a green circle is drawn around the 18 in the numerator.

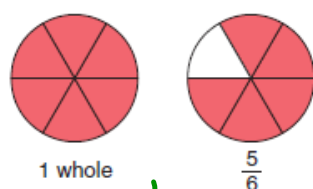
Improper Fraction to Mixed Number THEN simplify

$$a) \frac{17}{5} = 3 \frac{2}{5} \quad b) \frac{9}{4} = 2 \frac{1}{4}$$

We have used fraction circles to model and add fractions.

We can also use fraction circles to model and add mixed numbers.

These fraction circles model $1\frac{5}{6}$.

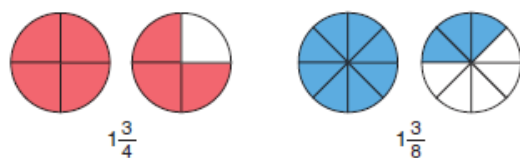


+

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

Use fraction circles to add: $1\frac{3}{4} + 1\frac{3}{8}$

Use fraction circles to model $1\frac{3}{4}$ and $1\frac{3}{8}$.



$1\frac{1}{3} + 3\frac{5}{8}$ mixed number as an improper fraction, then add.

$$\begin{aligned} 1\frac{1}{3} &= 1 + \frac{1}{3} \\ &= \frac{3}{3} + \frac{1}{3} \\ &= \frac{4}{3} \end{aligned}$$

*1) change to improper

Since 6 is a multiple of 3, use 6 as a common denominator.

$$\frac{1}{3} \xrightarrow{\times 2} \frac{2}{6}$$

$$\begin{aligned} \frac{1}{3} + 1\frac{5}{6} &= \frac{2}{6} + \frac{11}{6} \\ &= \frac{13}{6} \end{aligned}$$

To write the fraction as a mixed number:

$$\begin{aligned} \frac{13}{6} &= \frac{12}{6} + \frac{1}{6} \\ &= 2 + \frac{1}{6} \\ &= 2\frac{1}{6} \end{aligned}$$

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

*2)

$$1\frac{1}{3} + 3\frac{5}{8}$$

$$\frac{9}{8} + \frac{29}{8}$$

$$\frac{38}{8}$$

$$4\frac{6}{8} = 4\frac{3}{4}$$

$$1\frac{3}{8} + 3\frac{3}{4}$$

$$1\frac{1}{8} + 3\frac{5}{8}$$

1) change to
Improper

$$1\frac{1}{8} + 3\frac{3}{8}$$

2) Add

$$\frac{9}{8} + \frac{27}{8}$$

* Make sure
denominators ARE
the SAME! 😊

$$\frac{36}{8} = 4\frac{4 \div 4}{8 \div 4} = 4\frac{1}{2}$$

Common denominators

* REDUCE

Page
Ques. 202

Ques. 1, - pick 2

2 - pick 2

7, 8, 10, 12

$2\frac{0}{8}$

2

$$\begin{array}{l} \textcircled{1} \frac{1}{4} \times 3 \\ \downarrow \\ \textcircled{1} \frac{3}{12} \end{array}$$

$$1 \frac{3 \times 2}{6 \times 2} + 1 \frac{3 \times 3}{4 \times 3}$$

$$1 \frac{+6}{\times 12} + 1 \frac{+9}{\times 12}$$

$$\frac{18}{12} + \frac{21}{12}$$

$$\frac{39}{12} = 3 \frac{3}{12} = 3 \frac{1}{4}$$

$$\boxed{\begin{array}{r} 4 \overline{) 2} \\ \times 8 \end{array} + \begin{array}{r} 3 \overline{) 3} \\ \times 5 \end{array}}$$

$$\begin{array}{r} 34 \times 5 \\ \hline 8 \times 5 \\ \smile \end{array} + \begin{array}{r} 18 \times 8 \\ \hline 5 \times 8 \\ \smile \end{array}$$

$$\begin{array}{r} \textcircled{24} \\ \textcircled{24} \\ \hline 48 \\ \textcircled{24} \end{array}$$

$$7) \quad 5\frac{2}{5} + 1\frac{7}{8}$$

$$\frac{27}{5} + \frac{15}{8}$$

$$5\frac{2 \times 8}{5 \times 8} + 1\frac{7 \times 5}{8 \times 5}$$

$$5\frac{16}{40} + 1\frac{35}{40}$$

$$\frac{216}{40} + \frac{75}{40}$$

$$\frac{291}{40}$$

$$c) \frac{3}{4} + 2\frac{13}{5}$$

$$\frac{23}{15} = 1\frac{8}{15}$$

$$\frac{3 \times 5}{4 \times 5} + \frac{13 \times 4}{5 \times 4}$$

$$\begin{array}{r} 125 \\ -15 \\ \hline 08 \end{array}$$

Derk
" "
)

$$\frac{15}{20} + \frac{52}{20} = \frac{67}{20} = 3\frac{7}{20}$$