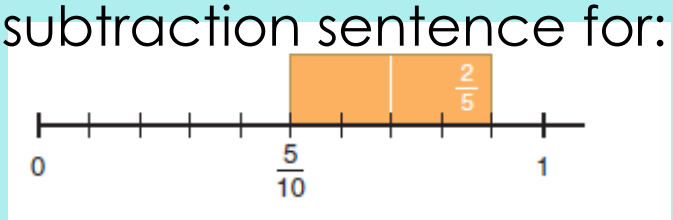
1) BEDMAS: 6 + 2 - 2

2) 0.5 X 12

3) $2.75 + $ 1. 35

4) Write a subtraction sentence for:



5) 72 ÷ 9

6) 0.7 X 2

7) 42 / 7

8) 12 X 20

9) 8004 ÷ 2

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

15___

Mixed number to Improper THEN simplest form:

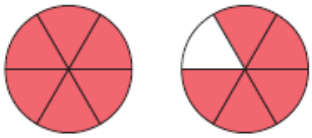
c) $1\frac{3}{4} = \frac{7}{4}$

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

Improper Fraction to Mixed Number THEN si form

a) $\frac{17}{5} = 3\frac{2}{5}$: $\frac{17}{5}$ 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 whole $\frac{5}{6}$

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

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

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

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

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

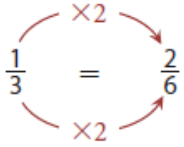
$1\frac{1}{6} = 1 + \frac{5}{6}$

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

$= \frac{11}{6}$

*1) change to Improper

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



$\frac{1}{3} + 1\frac{5}{6} = \frac{2}{6} + \frac{11}{6}$

$= \frac{13}{6}$

To write the fraction as a mixed number:

$\frac{13}{6} = \frac{12}{6} + \frac{1}{6}$

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

$= 2\frac{1}{6}$

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

*2)

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

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

$\frac{38}{8}$

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

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

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

1) change to Improper

2) Add

* Make sure denominators ARE the SAME! ☺

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

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

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

Common denominators * REDUCE

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Ques. 1, pick 2

2. pick 2

7, 8, 10, 12

$2\frac{0}{8}$

2

$1\frac{1}{4} \times 3$

$1\frac{3}{12}$

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

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

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

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

$$4\frac{2}{8} + 3\frac{3}{5}$$

$$\frac{34 \times 5}{8 \times 5} + \frac{18 \times 8}{5 \times 8}$$

24
24
48
24

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

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

$5\frac{2\times8}{5\times8} + 1\frac{7\times5}{8\times5}$

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

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

$\frac{}{40}$

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

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

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

$\begin{array}{r} 12\overset{1}{3} \\ -15 \\ \hline 08 \end{array}$

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