

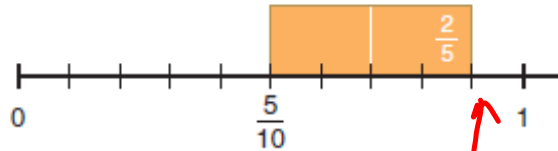
1) BEDMAS:  $6 + 2 - 2$  6

2)  $0.5 \times 12$  →

3)  $\$2.75 + \$1.35 = 4.10$



4) Write a subtraction sentence for:



5)  $72 \div 9 = 8$

6)  $0.7 \times 2 = 1.4$

$\frac{9}{10} - \frac{4}{10} \left( \frac{2}{5} \right) = \frac{5}{10} = \frac{1}{2}$

7)  $42 \div 7 = 6$

8)  $12 \times 20 = 240$

9)  $8004 \div 2 = 4002$

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

$15 \underline{3} 15$

Two students, Galen and Mai, worked on a project.

Galen worked for  $3\frac{2}{3}$  h.

Mai worked for  $2\frac{4}{5}$  h.

What was the total time spent on the project?

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

$$\frac{11 \times 5}{3 \times 5} + \frac{14 \times 3}{5 \times 3}$$

$$\frac{55}{15} + \frac{42}{15} = \frac{97}{15} = 6\frac{7}{15}$$

A recipe for punch calls for  $2\frac{2}{3}$  cups of fruit concentrate and  $6\frac{3}{4}$  cups of water.

How many cups of punch will the recipe make?

Show your work.

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

$$\frac{27}{8} + \frac{27}{4}$$

$$\frac{32}{12} + \frac{81}{12} = \frac{113}{12} = 9\frac{5}{12}$$

An auto mechanic completed 2 jobs before lunch.

The jobs took  $2\frac{2}{3}$  h and  $1\frac{3}{4}$  h.

How many hours did it take the mechanic to complete the 2 jobs?



Before we subtract the fraction parts of two mixed numbers, we must check the fractions to see which is greater.

When the second fraction is greater than the first fraction,  
\* we cannot subtract directly. \*

$$2\frac{1}{2} - 3\frac{1}{4} \quad 2\overset{+}{\boxed{1}}\overset{\times}{\boxed{\frac{1}{2}}} - 2\boxed{\frac{2}{3}}$$

$$\begin{array}{r} 5 \times 3 \\ \hline 2 \times 3 \\ \hline 15 \end{array} \quad \begin{array}{r} 8 \times 2 \\ \hline 3 \times 2 \\ \hline 16 \end{array}$$

$$\frac{15}{6} - \frac{16}{6}$$



We know that  $\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$ .

Use this result to find each difference.

Estimate to check the answer is reasonable.

a)  $2\frac{2}{3} - \frac{1}{2}$

b)  $2\frac{2}{3} - 1\frac{1}{2}$

c)  $4\frac{2}{3} - 2\frac{1}{2}$

d)  $5\frac{2}{3} - 1\frac{1}{2}$

$$2\frac{2}{3} - \frac{1}{2} = 2\frac{1}{6}$$

$$\text{c) } \textcircled{4}\frac{2}{3} - \textcircled{2}\frac{1}{2} = 2\frac{1}{6}$$

$$\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$$

a) Subtract.

i)  $3 - \frac{4}{5}$

ii)  $4 - \frac{3}{7}$

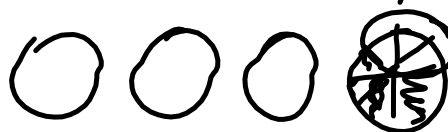
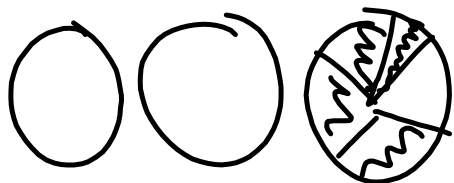
iii)  $5 - \frac{5}{6}$

iv)  $6 - \frac{4}{9}$

$$6 - \left(\frac{4}{9}\right) = 5\frac{5}{9}$$

$$3 - \frac{4}{5} = 2\frac{1}{5}$$

$$4 - \frac{3}{7} = 3\frac{4}{7}$$



$$5 - \frac{5}{6} = 4\frac{1}{6}$$



For the fractions in each pair of numbers, find a common denominator.

Then subtract.

a)  $3\frac{3}{4} - 1\frac{1}{5}$

b)  $4\frac{9}{10} - 3\frac{1}{2}$

c)  $3\frac{3}{4} - 1\frac{1}{3}$

d)  $4\frac{5}{7} - 2\frac{2}{3}$

7. For each pair of mixed numbers below:

a) Subtract the fractions and subtract the whole numbers separately.

b) Write the mixed numbers as improper fractions, then subtract.

c) Which method was easier? Why do you think so?

i)  $3\frac{3}{5} - 1\frac{3}{10}$

ii)  $3\frac{3}{10} - 1\frac{3}{5}$

$$\begin{array}{r} 3\frac{3}{5} \\ - 1\frac{3}{10} \\ \hline \end{array} = 2\frac{3}{10}$$

$$\begin{array}{r} 3\frac{3}{5} \\ \times 2 \\ \hline 5\frac{3}{2} \\ - 1\frac{3}{10} \\ \hline \end{array}$$

$$\frac{6}{10} - \frac{3}{10} = \frac{3}{10}$$

$$\begin{array}{r} 18\frac{3}{5} \\ \times 2 \\ \hline 36\frac{6}{5} \\ - 13\frac{3}{10} \\ \hline \end{array} = 23\frac{3}{10}$$

p. 207

1-a, c

4-all

6-b, d

p. 208  
ques 8, 9  
11-b, d

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\* Practise 213-g. 6,  
214-g. 13-pick 2  
g. 15, 16-pick 2  
17, 19

p. 215- 4, 5