

Name: ..... Class: .....

## Add and subtract mixed numbers with like denominators

Add and subtract the following mixed numbers. (Simplify your answer as much as possible).

**Example :**

To do this, subtract whole numbers from whole numbers.

$$9 - 2 = 7$$

Then subtract fractions from fractions.

$$\frac{6}{7} - \frac{5}{7} = \frac{1}{7}$$

$$\text{So, } 9\frac{6}{7} - 2\frac{5}{7} = 7\frac{1}{7}$$

a.  $15\frac{4}{3} + 3\frac{1}{3} =$

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

b.  $6\frac{9}{16} - 2\frac{1}{16} =$

g.  $5\frac{22}{100} - 1\frac{17}{100} =$

c.  $2\frac{2}{4} - 1\frac{1}{4} =$

h.  $3\frac{23}{30} + 6\frac{24}{30} =$

d.  $9\frac{14}{20} + 1\frac{19}{20} =$

i.  $11\frac{2}{50} + 1\frac{1}{50} =$

e.  $51\frac{5}{20} + 4\frac{2}{20} =$

j.  $12\frac{4}{15} - 2\frac{1}{15} =$

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To do this, subtract whole numbers from whole numbers.

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Then subtract fractions from fractions.

$$\frac{6}{7} - \frac{5}{7} = \frac{1}{7}$$

So,  $9\frac{6}{7} - 2\frac{5}{7} = 7\frac{1}{7}$

a.  $15\frac{4}{3} + 3\frac{1}{3} = 19\frac{2}{3}$

f.  $2\frac{2}{6} + 1\frac{1}{6} = 4\frac{1}{2}$

b.  $6\frac{9}{16} - 2\frac{1}{16} = 4\frac{1}{2}$

g.  $5\frac{22}{100} - 1\frac{17}{100} = 4\frac{1}{20}$

c.  $2\frac{2}{4} - 1\frac{1}{4} = 1\frac{1}{4}$

h.  $3\frac{23}{30} + 6\frac{24}{30} = 10\frac{17}{30}$

d.  $9\frac{14}{20} + 1\frac{19}{20} = 11\frac{13}{20}$

i.  $11\frac{2}{50} + 1\frac{1}{50} = 12\frac{3}{50}$

e.  $51\frac{5}{20} + 4\frac{2}{20} = 55\frac{7}{20}$

j.  $12\frac{4}{15} - 2\frac{1}{15} = 10\frac{1}{5}$