

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.

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

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.

$$9 - 2 = 7$$

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

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