

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

Complete addition and subtraction sentences with fraction

Find the missing number below.

a.  $\frac{5}{8} + \frac{2}{8} = \frac{\square}{8}$

b.  $\frac{\square}{12} - \frac{1}{4} = \frac{5}{12}$

c.  $\frac{1}{\square} + \frac{1}{6} = \frac{5}{12}$

d.  $\frac{9}{16} - \frac{\square}{16} = \frac{3}{16}$

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## Find the missing number below

1.  $\frac{5}{8} + \frac{2}{8} = \frac{\square}{8}$   $5 + 2 = 7$   $\frac{5}{8} + \frac{2}{8} = \frac{7}{8}$

Since the denominators are the same we just add the numerators to get the missing number

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

Finally find the LCM and add the fraction

Let's first of all add  $\frac{1}{4}$  to both sides

$$\frac{\square}{12} - \frac{1}{4} + \frac{1}{4} = \frac{5}{12} + \frac{1}{4}$$

$$= \frac{\square}{12} = \frac{5}{12} + \frac{1}{4}$$

$$\frac{\square}{12} = \frac{5}{12} + \frac{1}{4}$$

$$\frac{5}{12} + \frac{3}{12} = \frac{8}{12}$$

Therefore, the missing number is 8

3.  $\frac{1}{\square} + \frac{1}{6} = \frac{5}{12}$

Finally find the LCM and subtract the fraction

Let's first of all subtract  $\frac{1}{6}$  from both sides

$$\frac{1}{\square} + \frac{1}{6} - \frac{1}{6} = \frac{5}{12} - \frac{1}{6}$$

$$= \frac{1}{\square} = \frac{5}{12} - \frac{1}{6}$$

$$\frac{1}{\square} = \frac{5}{12} - \frac{1}{6}$$

$$\frac{5}{12} - \frac{2}{12} = \frac{3}{12} = \frac{1}{4}$$

Therefore, the missing number is 4

4.  $\frac{9}{16} - \frac{\square}{16} = \frac{3}{16}$   $9 - 3 = 6$   $\frac{9}{16} - \frac{6}{16} = \frac{3}{16}$

Since the denominators are the same we just Subtract 3 from 9