



# Add/Subtract Fractions

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Two men work together to paint the outside of a house. One man completes  $\frac{1}{6}$  of the job. The other man paints  $\frac{2}{3}$  of the house.  
How much of the house has been painted?

A  $\frac{1}{6} + \frac{2}{3} = \frac{1}{12} + \frac{2}{12} = \frac{3}{12}$     C  $\frac{1}{6} + \frac{2}{3} = \frac{3}{6}$   
 B  $\frac{1}{6} + \frac{2}{3} = \frac{1}{6} + \frac{4}{6} = \frac{5}{6}$     D  $\frac{1}{6} + \frac{2}{3} = \frac{3}{9}$

3 To solve the problem  $\frac{5}{6} + \frac{2}{3}$ , a **common denominator** must be found before adding.  
True or false?

2 The fuel tank read  $\frac{7}{8}$  when the trip started. It read  $\frac{1}{3}$  at the end. How much fuel was used during the trip?

A  $\frac{7}{8} - \frac{1}{3} = \frac{21}{24} - \frac{8}{24} = \frac{13}{24}$     C  $\frac{7}{8} - \frac{1}{3} = \frac{6}{8}$   
 B  $\frac{7}{8} - \frac{1}{3} = \frac{7}{8} - \frac{3}{8} = \frac{4}{8}$     D  $\frac{7}{8} - \frac{1}{3} = \frac{6}{3}$

4 A **common denominator** is always an **even** number.  
A true  
B false



5

**PREVIEW**

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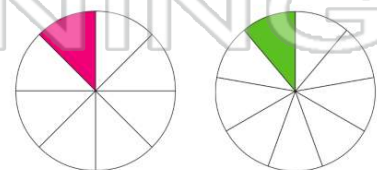
7  
A is  
B 63  
C 9  
D 36

B 15  
C 21  
D 9

9 A **common denominator** for  $\frac{6}{8}$  and  $\frac{1}{6}$  is \_\_\_\_\_.  
A 6  
B 18  
C 8  
D 24

**NUMERATOR**  
**DENOMINATOR**

10 A **common denominator** for  $\frac{1}{8}$  and  $\frac{1}{9}$  is \_\_\_\_\_.  
A 24  
B 72  
C 27  
D 35





## ANSWER KEY

Two men work together to paint the outside of a house. One man completes  $\frac{1}{6}$  of the job. The other man paints  $\frac{2}{3}$  of the house.  
How much of the house has been painted?

**A**  $\frac{1}{6} + \frac{2}{3} = \frac{1}{12} + \frac{2}{12} = \frac{3}{12}$     **C**  $\frac{1}{6} + \frac{2}{3} = \frac{3}{6}$

**B**  $\frac{1}{6} + \frac{2}{3} = \frac{1}{6} + \frac{4}{6} = \frac{5}{6}$     **D**  $\frac{1}{6} + \frac{2}{3} = \frac{3}{9}$

(b)

The fuel tank read  $\frac{7}{8}$  when the trip started. It read  $\frac{1}{3}$  at the end. How much fuel was used during the trip?

**A**  $\frac{7}{8} - \frac{1}{3} = \frac{21}{24} - \frac{8}{24} = \frac{13}{24}$     **C**  $\frac{7}{8} - \frac{1}{3} = \frac{6}{8}$

**B**  $\frac{7}{8} - \frac{1}{3} = \frac{7}{8} - \frac{3}{8} = \frac{4}{8}$     **D**  $\frac{7}{8} - \frac{1}{3} = \frac{6}{3}$

(a)

To solve the problem  $\frac{5}{6} + \frac{2}{3}$ , a **common denominator** must be found before adding.

True or false?

A **common denominator** is always an **even** number.

- A** true  
**B** false

True or false?

(a)

(b)

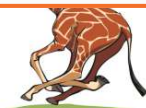
- A** true    **B** false



## PREVIEW

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- C** 9  
**D** 36



- C** 21  
**D** 9



A **common denominator** for  $\frac{6}{8}$  and  $\frac{1}{6}$  is \_\_\_\_.

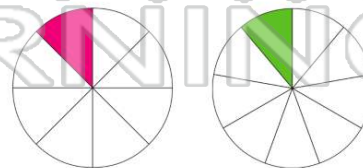
- A** 6  
**B** 18  
**C** 8  
**D** 24

**NUMERATOR**  
-----  
**DENOMINATOR**

(d)

A **common denominator** for  $\frac{1}{8}$  and  $\frac{1}{9}$  is \_\_\_\_.

- A** 24  
**B** 72  
**C** 27  
**D** 35



(b)