

Subtract With Unlike Denominators

Subtract $\frac{2}{3} - \frac{1}{6} = n$.

Different Ways to Find $\frac{2}{3} - \frac{1}{6}$

Way 1: You can use any common denominator to write equivalent fractions. The product of the denominators will give you a common denominator.

$3 \times 6 = 18$

$\frac{2}{3} = \frac{12}{18}$

(multiplied by 6)

$\frac{1}{6} = \frac{3}{18}$

(multiplied by 3)

$\frac{12}{18} - \frac{3}{18} = \frac{9}{18}$

$\frac{9}{18} = \frac{1}{2}$ in simplest form

Way 2: You can use the least common multiple to find the least common denominator.

Multiples of 3: 3, **6**, 9...

Multiples of 6: **6**, 12, 18...

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

(multiplied by 2)

$\frac{1}{6} = \frac{1}{6}$

(multiplied by 1)

$\frac{4}{6} - \frac{1}{6} = \frac{3}{6}$

$\frac{3}{6} = \frac{1}{2}$ in simplest form

Subtract. Write the difference in simplest form.

1. $\frac{3}{5} - \frac{1}{4}$

2. $\frac{8}{9} - \frac{2}{3}$

3. $\frac{7}{10} - \frac{2}{5}$

4. $\frac{4}{5} - \frac{1}{2}$

5. $\frac{5}{6} - \frac{3}{5}$

6. $\frac{7}{11} - \frac{1}{2}$

7. $\frac{6}{7} - \frac{1}{4}$

8. $\frac{7}{12} - \frac{1}{6}$

9. $\frac{3}{10} - \frac{1}{8}$

10. $\frac{3}{4} - \frac{2}{7}$

11. $\frac{5}{9} - \frac{1}{3}$

12. $\frac{11}{12} - \frac{3}{8}$

13. $\frac{7}{8} - \frac{3}{5}$

14. $\frac{5}{6} - \frac{1}{9}$

15. $\frac{2}{3} - \frac{2}{9}$

16. $\frac{3}{7} - \frac{1}{12}$
