



## Dividing Fractions

### Procedure:

1. Make sure the fractions are proper or improper.
2. Invert the divisor.
3. Cancel, if possible.
4. Multiply numerators.
5. Multiply denominators.
6. Simplify.

### Example:

$$2\frac{2}{3} \div \frac{1}{4}$$

$$\frac{8}{3} \div \frac{1}{4} = \frac{8}{3} \times \frac{4}{1}$$

$$= \frac{32}{3}$$

$$= 10\frac{2}{3}$$

Divide the following fractions.

1.  $\frac{2}{3} \div \frac{1}{5}$

2.  $\frac{4}{9} \div \frac{2}{7}$

3.  $\frac{3}{4} \div \frac{7}{12}$

4.  $\frac{3}{5} \div \frac{4}{9}$

5.  $2\frac{1}{4} \div \frac{1}{6}$

6.  $\frac{3}{7} \div \frac{3}{10}$

7.  $4\frac{1}{6} \div \frac{5}{6}$

8.  $\frac{7}{8} \div \frac{1}{9}$

9.  $5 \div \frac{2}{5}$



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10.  $\frac{10}{21} \div \frac{1}{3}$

11.  $3\frac{1}{2} \div \frac{3}{4}$

12.  $\frac{7}{10} \div \frac{4}{15}$

13.  $2\frac{4}{7} \div \frac{9}{11}$

14.  $3\frac{1}{5} \div 2\frac{1}{2}$

15.  $4\frac{2}{3} \div 1\frac{3}{4}$