

Finding The Reciprocal

Every fraction has two parts.

$$\frac{4}{5}$$

↙ Numerator
↙ Denominator

To find the reciprocal of a fraction, swap the numerator and the denominator.

Example: Fraction = $\frac{4}{5}$ Reciprocal of this fraction = $\frac{5}{4}$



Find the reciprocal of the fractions and numbers below. Write them in the space provided.

Fraction	Reciprocal
$\frac{3}{5}$	
$\frac{8}{12}$	

Fraction	Reciprocal
$\frac{1}{2}$	
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- Find the reciprocal of mixed fractions.
- Convert it to an improper fraction by multiplying the whole number by the denominator. Then add the product to the numerator and write the answer on top of the denominator.
 - Swap the numerator and denominator.

Mixed Fraction	Improper Fraction	Reciprocal
$7\frac{1}{2}$	$\overset{\circ}{7} \overset{\circ}{\times} \frac{\overset{\circ}{1}}{\overset{\circ}{2}}$ Then $\overset{\circ}{14} \overset{\text{add}}{+} \frac{\overset{\circ}{1}}{\overset{\circ}{2}} = \frac{15}{2}$ <small>multiply</small> <small>the product</small>	$\frac{2}{15}$
$4\frac{2}{3}$		
$3\frac{5}{7}$		