

# Fraction – Decimal – Percent Conversions

Fraction	Decimal	Percent
$\frac{1}{2}$	0.5	50%
$\frac{1}{4}$	0.25	25%
$\frac{3}{4}$	0.75	75%
$\frac{1}{8}$	0.125	12½%
$\frac{3}{8}$	0.375	37½%
$\frac{5}{8}$	0.625	62½%
$\frac{7}{8}$	0.875	87½%

Fraction	Decimal	Percent
$\frac{1}{10}$	0.1	10%
$\frac{3}{10}$	0.3	30%
$\frac{7}{10}$	0.7	70%
$\frac{9}{10}$	0.9	90%
$\frac{1}{3}$	0.3̄	33⅓%
$\frac{2}{3}$	0.6̄	66⅔%

Fraction	Decimal	Percent
$\frac{1}{20}$	0.05	5%
$\frac{1}{25}$	0.04	4%
$\frac{1}{50}$	0.02	2%
$\frac{1}{100}$	0.01	1%

Fraction	Decimal	Percent
$\frac{1}{5}$	0.2	20%
$\frac{2}{5}$	0.4	40%
$\frac{3}{5}$	0.6	60%
$\frac{4}{5}$	0.8	80%

## Mental Percents – Benchmark Percents

To Find	I must
50% of a quantity	÷ 2
10% of a quantity	÷ 10
1% of a quantity	÷ 100
33⅓% of a quantity	÷ 3

## Complete the Fraction-Decimal-Percent Conversion Tables

Instructions: Complete the tables. Express fractions in lowest terms.

Fraction	Decimal	Percent
$\frac{1}{2}$		
	0.25	
		12½%
$\frac{3}{8}$		
		62½%
	0.875	

Fraction	Decimal	Percent
		20%
$\frac{2}{5}$		
	0.6	
$\frac{4}{5}$		
		1%
	0.02	

Fraction	Decimal	Percent
		10%
$\frac{3}{10}$		
	0.7	
		90%
		5%
$\frac{1}{25}$		

Fraction	Decimal	Percent
$\frac{1}{3}$		
		66⅔%
$\frac{1}{6}$		
$\frac{5}{6}$		
	1	
		200%

Fraction	Decimal	Percent
$\frac{1}{2}$		
		25%
$\frac{1}{8}$		
		1%
$\frac{5}{8}$		

Fraction	Decimal	Percent
		20%
	0.4	
$\frac{3}{5}$		
	0.8	
		2%

Fraction	Decimal	Percent
$\frac{1}{10}$		
		30%
	0.7	
		100%
$\frac{1}{20}$		

Fraction	Decimal	Percent
$\frac{1}{3}$		
		$66\frac{2}{3}\%$
$\frac{1}{6}$		
$\frac{5}{6}$		
	0.04	