

Converting Fraction Decimal and percent extra practice. Round percent to 1 decimal place if necessary and decimals to thousandth if necessary

	Fraction	Decimal	Percent
1.	$\frac{1}{2}$		
2.		0.4	
3.			20%
4.	$\frac{4}{5}$		
5.		0.45	
6.			75%
7.	$\frac{7}{8}$		
8.		0.375	

	Fraction	Decimal	Percent
9.	$\frac{2}{3}$		
10.		1.2	
11.			36 %
12.	$\frac{1}{20}$		
13.		0.12	
14.			$16\frac{2}{3}\%$
15.	$\frac{5}{16}$		

Answer

1.	$\frac{1}{2}$	$2\overline{)1.0} = 0.5$	$0.5 \times 100 = 50\%$
2.	$0.4 = \frac{4}{10} = \frac{2}{5}$	0.4	$0.4 \times 100 = 40\%$
3.	$\frac{20}{100} = \frac{2}{10} = \frac{1}{5}$	$20 \div 100 = 0.2$	20%
4.	$\frac{4}{5}$	$\frac{4}{5} = 5\overline{)4.0} = 0.8$	$\frac{4}{5} = 0.8 \times 100 = 80\%$
5.	$0.45 = \frac{45}{100} = \frac{9}{20}$	0.45	$0.45 \times 100 = 45\%$
6.	$75\% = \frac{75}{100} = \frac{3}{4}$	$75 \div 100 = 0.75$	75%
7.	$\frac{7}{8}$	$7 \div 8 = 0.875$	$0.875 \times 100 = 87.5\%$
8.	$0.375 = \frac{375}{1000} \div \frac{125}{125} = \frac{3}{8}$	0.375	$0.375 \times 100 = 37.5\%$

9.	$\frac{2}{3}$	$2 \div 3 = 0.\bar{6} = 0.667$	$0.667 \times 100 = 66.7\%$
10.	$\frac{120}{100} = \frac{6}{5}$ or $1\frac{2}{10} = 1\frac{1}{5}$	1.2	$1.2 \times 100 = 120\%$
11.	$36\% = \frac{36}{100} = \frac{9}{25}$	$36 \div 100 = 0.36$	36%
12.	$\frac{1}{20}$	$1 \div 20 = 0.05$	$0.05 \times 100 = 5\%$
13.	$0.12 = \frac{12}{100} = \frac{3}{25}$	0.12	$0.12 \times 100 = 12\%$
14.	$\frac{16\frac{2}{3}}{100} = \frac{\frac{50}{3}}{\frac{100}{1}} = \frac{50}{3} \times \frac{1}{100} = \frac{50^1}{3} \times \frac{1}{100_2} = \frac{1}{6}$	$16\frac{2}{3}\% = 16.\bar{6}\% = 16.7\% = 0.167$	$16\frac{2}{3}\%$
15.	$\frac{5}{16}$	$\frac{5}{16} = 5 \div 16 = 0.3125 = 0.313$	$0.313 \times 100 = 31.3\%$