

Unit 2: Rationals and Irrationals Day 2

Math 9 Principles

2-2: I can convert between percent, fraction, and decimal form for rational numbers.

Write the following percentages as fractions in lowest terms.

1) 25% =	2) 85% =	3) $66.\bar{6}\%$ =
4) 33% =	5) $33.\bar{3}\%$ =	6) 12.5% =
7) 80%	8) 37.5% =	9) 40% =
10) 50% =	11) $55.\bar{5}\%$ =	12) 87.5% =
13) 75% =	14) 62.5% =	15) 60% =

Write the following decimals as fractions in lowest terms.

16) 0.6 =	17) 0.625 =	18) 0.75 =
19) $1.\bar{3}$ =	20) $0.\bar{8}$ =	21) 0.375 =
22) 0.25	23) 0.875 =	24) 3.4 =
25) 2.75 =	26) 5.6 =	27) $5.\bar{6}$ =
28) $0.\overline{207}$ =	29) $0.\overline{03}$ =	30) $1.\overline{45}$ =

Fill in the missing portions of the chart with equivalent answers. All fractions must be in lowest terms. Use improper fractions if appropriate.

#	Percent	Decimal	Fraction
31)			$\frac{7}{9}$
32)			$\frac{3}{5}$
33)			$2\frac{7}{8}$
34)		0.625	
35)		$0.\bar{3}$	
36)		$0.\overline{27}$	
37)	$33\frac{1}{3}\%$		
38)	575%		
39)	$11\frac{1}{9}\%$		
40)	$37\frac{1}{2}\%$		
41)		$1.\bar{6}$	
42)		0.875	
43)			$4\frac{3}{5}$
44)			$2\frac{1}{4}$
45)	$155.\bar{5}\%$		