

Unit 2: Rationals and Irrationals Day 3

Math 9 Principles

2-3: I can identify a real number as rational or irrational and, if rational, write it as a reduced fraction or integer.

If the number is rational, write it as an integer or fraction in lowest terms. Otherwise write irrational.

1) $\sqrt{20}$	2) $0.\bar{2}$	3) $\sqrt{0.\bar{4}}$
4) $\sqrt{160}$	5) $\sqrt{576}$	6) $0.\bar{06}$
7) 80%	8) 37.5%	9) 40%
10) $0.\bar{12}$	11) 0.2121121112 ...	12) 0.06

13) $\sqrt{0.25}$	14) $\sqrt{7\frac{1}{9}}$	15) $\sqrt{\frac{64}{25}}$
16) $\sqrt{5\frac{1}{16}}$	17) $\sqrt{4\frac{21}{25}}$	18) $\sqrt{3\frac{1}{8} \cdot 8}$
19) $\sqrt{0.64}$	20) $0.\overline{45}$	21) $\sqrt{291}$
22) $\sqrt{441}$	23) $\sqrt{0.0324}$	24) $\sqrt{\frac{4}{15}}$
25) $\sqrt{0.4}$	26) $\sqrt{0.04}$	27) $\sqrt{0.001}$
28) $0.\overline{63}$	29) $\sqrt{0.\overline{1}}$	30) $\sqrt{12\frac{1}{4}}$