

Rationalizing Denominators

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Chapter 3: Worksheet 5

Level 1 - Rationalize the monomial denominator of an expression

Level 2 - Rationalize the binomial denominator of an expression

Level 3 - Rationalize the binomial denominator containing variables

Level 1

Rationalize the denominator.

a) $\frac{3}{\sqrt{3}}$	b)	c)
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Level 1 (continued)

g) $\frac{2 - \sqrt{5}}{2\sqrt{8}}$	h)	i)
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Level 2

Rationalize the binomial denominator.

a) $\frac{2}{3 - \sqrt{5}}$	b)	c)
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Level 2 (continued)

g) $\frac{2\sqrt{3} + \sqrt{3}}{1 - \sqrt{12}}$	h)	i)
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Level 3

Rationalize the denominator containing variables.

a) $\frac{p - \sqrt{q}}{p + \sqrt{q}}$	b)	c)
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