Name _____ Date _____

Quiz: Rationalize Denominators

Rationalize the denominator:

1 $9/\sqrt{2}$ 2 $11/\sqrt{3}$

Write the conjugate for each binomial:

3 $12+\sqrt{8}$ 4 $8-\sqrt{6}$

Find the reciprocal of the following:

5 $7+\sqrt{7}$ 6 $15-\sqrt{5}$

Write an expression equivalent to:

7 $14/(6-\sqrt{3})$ 8 $(9-\sqrt{2})/(9+\sqrt{2})$

Rationalize the denominator and simplify if possible:

9 $-12/(6+\sqrt{3})$ 10 $(2+\sqrt{7})/(2-\sqrt{7})$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

© MathWorksheetCenter.com