## © 2016 Kuta Software LLC. All rights reserved. Algebra 1+ Dividing Radicals Day 2 Homework

## Simplify.

1) 
$$\frac{4}{5+\sqrt{5}}$$

2) 
$$\frac{5}{3+\sqrt{2}}$$

$$3) \ \frac{2}{\sqrt{3} + \sqrt{5}}$$

4) 
$$\frac{3}{2+3\sqrt{2}}$$

5) 
$$\frac{2}{2-3\sqrt{3}}$$

6) 
$$-\frac{1}{-5+\sqrt{2}}$$

7) 
$$\frac{5}{-3-\sqrt{5}}$$

$$8) \ \frac{5}{\sqrt{3} - \sqrt{2}}$$