

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Dividing Radicals

Simplify.

1)  $\frac{\sqrt{40}}{\sqrt{70}}$

2)  $\frac{\sqrt{65}}{4\sqrt{39}}$

3)  $\frac{\sqrt{18}}{3\sqrt{90}}$

4)  $\frac{4}{4g^2 + 5\sqrt{g^2}}$

5)  $\frac{\sqrt{5}}{4 + \sqrt{15}}$

6)  $\frac{\sqrt{6}}{7\sqrt{15}}$

7)  $\frac{7\sqrt{3} + \sqrt{15}}{7\sqrt{7}}$

8)  $\frac{7}{3 - \sqrt{4r^2}}$

9)  $\frac{4\sqrt{39}}{5\sqrt{195}}$

10)  $\frac{3\sqrt{6} - \sqrt{3}}{4\sqrt{15}}$

11)  $\frac{4 + \sqrt{11}}{4 - 6\sqrt{2}}$

12)  $\frac{\sqrt[3]{16}}{\sqrt[3]{625}}$

