

Name: _____

Date: _____

Score: _____

Simplifying Radical Expressions

1 $\sqrt{45q^2}$

2 $\sqrt{80r^3}$

3 $\sqrt{44t^2}$

4 $\sqrt{75x^2y}$

5 $\sqrt{28x^3y^3}$

6 $\sqrt{32a^7b^4}$

7 $\sqrt{62x^4y}$

8 $\sqrt{80x^{100}y^{49}}$

9 $\sqrt{42a^8}$

10 $\sqrt{9a^8}$

11 $\sqrt{m^{12}}$

12 $\sqrt{27a^{11}b^7}$

13 $\sqrt{384x^4y^3}$

14 $-4\sqrt{192x}$

15 $2\sqrt{8p^2q^3m}$