

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

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



**Simplifying Radicals  
Practice 1**

1.  $\sqrt{28}$

2.  $\sqrt{68}$

3.  $\sqrt{60}$

4.  $\sqrt{75}$

5.  $\sqrt{40}$

6.  $\sqrt{72}$

7.  $\sqrt{99}$

8.  $\sqrt{162}$

9.  $\sqrt{24}$

10.  $\sqrt{108}$

11.  $\sqrt{80}$

12.  $\sqrt{700}$

13.  $\sqrt{12}$

14.  $\sqrt{32}$

15.  $\sqrt{48}$

16.  $\sqrt{20}$

17.  $\sqrt{200}$

18.  $\sqrt{18}$

19.  $\sqrt{175}$

20.  $\sqrt{4a^2}$

21.  $\sqrt{9x}$

22.  $\sqrt{300a^2}$

23.  $\sqrt{128c^2}$

24.  $\sqrt{20ab^2}$

25.  $\sqrt{100x^2y}$

26.  $\sqrt{16b}$

27.  $\sqrt{81c^2d}$

27.  $\sqrt{40x^2y^2}$

29.  $\sqrt{27su^2}$

30.  $\sqrt{50p}$

31.  $\sqrt{108x}$

32.  $\sqrt{56m^2}$

33.  $\sqrt{75mn^2}$

34.  $\sqrt{24b^2}$

35.  $\sqrt{81x^2y^2}$

36.  $\sqrt{150c}$