

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Score: \_\_\_\_\_/\_\_\_\_\_ = \_\_\_\_\_% = \_\_\_\_\_

## HW 6-7 - Simplify Roots

**DO NOT USE A SCIENTIFIC CALCULATOR ON THIS ASSIGNMENT!**

**Simplify each expression.**

1.  $\sqrt{169}$

9.  $\sqrt{5}$

17.  $\sqrt{40}$

2.  $\sqrt{36}$

10.  $\sqrt{35}$

18.  $\sqrt{32}$

3.  $\sqrt{25}$

11.  $\sqrt{64}$

19.  $\sqrt{99}$

4.  $\sqrt{30}$

12.  $\sqrt{50}$

20.  $\sqrt{90}$

5.  $\sqrt{75}$

13.  $\sqrt{27}$

21.  $\sqrt{72}$

6.  $\sqrt{45}$

14.  $\sqrt{16}$

22.  $\sqrt{140}$

7.  $\sqrt{6}$

15.  $\sqrt{12}$

23.  $\sqrt{132}$

8.  $\sqrt{21}$

16.  $\sqrt{20}$

24.  $\sqrt{24}$