

Name \_\_\_\_\_

## Radicals Worksheet #2

Period \_\_\_\_\_

Simplify the following radicals. Put answers in simplest radical form and give the approximate answer.

Simp. Rad.

Approx.

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Approx.

1.  $\sqrt{4}$  \_\_\_\_\_

2.  $\sqrt{9}$  \_\_\_\_\_

3.  $\sqrt{8}$  \_\_\_\_\_

4.  $\sqrt{12}$  \_\_\_\_\_

5.  $\sqrt{6}$  \_\_\_\_\_

6.  $\sqrt{15}$  \_\_\_\_\_

7.  $\sqrt{20}$  \_\_\_\_\_

8.  $\sqrt{18}$  \_\_\_\_\_

9.  $\sqrt{24}$  \_\_\_\_\_

10.  $\sqrt{27}$  \_\_\_\_\_

11.  $\sqrt{28}$  \_\_\_\_\_

12.  $\sqrt{30}$  \_\_\_\_\_

13.  $\sqrt{32}$  \_\_\_\_\_

14.  $\sqrt{45}$  \_\_\_\_\_

19.  $\sqrt{16}$  \_\_\_\_\_

20.  $3\sqrt{5}$  \_\_\_\_\_

21.  $\sqrt{48}$  \_\_\_\_\_

22.  $3\sqrt{9}$  \_\_\_\_\_

23.  $\sqrt{80}$  \_\_\_\_\_

24.  $4\sqrt{40}$  \_\_\_\_\_

25.  $\sqrt{7}$  \_\_\_\_\_

26.  $6\sqrt{25}$  \_\_\_\_\_

27.  $\sqrt{96}$  \_\_\_\_\_

28.  $(\sqrt{3})^2$  \_\_\_\_\_

29.  $\sqrt{144}$  \_\_\_\_\_

30.  $(2\sqrt{3})^2$  \_\_\_\_\_

31.  $\sqrt{112}$  \_\_\_\_\_

32.  $(5\sqrt{3})^2$  \_\_\_\_\_

33.  $2\sqrt{20}$  \_\_\_\_\_

34.  $(7\sqrt{2})^2$  \_\_\_\_\_

35.  $7\sqrt{26}$  \_\_\_\_\_

36.  $(2\sqrt{5})^2$  \_\_\_\_\_