

Name:

Date:

Period:

Simplify the following expressions.

1.  $\sqrt{125n}$

2.  $\sqrt{216v}$

3.  $\sqrt{512k^2}$

4.  $\sqrt{512m^3}$

5.  $\sqrt{216k^4}$

6.  $\sqrt{100v^3}$

7.  $\sqrt{80p^3}$

8.  $\sqrt{45p^2}$

9.  $\sqrt{147m^3n^3}$

10.  $\sqrt{200m^4n}$

11.  $\sqrt{75x^2y}$

12.  $\sqrt{64m^3n^3}$

13.  $\sqrt{16u^4v^3}$

14.  $\sqrt{28x^3y^3}$

15.  $\sqrt{36x^2y^3}$

16.  $\sqrt{384x^4y^3}$

17.  $7\sqrt{96m^3}$

18.  $6\sqrt{72x^2}$

19.  $-6\sqrt{150r}$

20.  $5\sqrt{80a^2}$

21.  $2\sqrt{125v}$

22.  $-8\sqrt{24k^3}$

23.  $-4\sqrt{192x}$

24.  $2\sqrt{8p^2q^3r}$

25.  $-4\sqrt{216x^2y^2z}$

26.  $-3\sqrt{24a^4b^2c^3}$

27.  $3\sqrt{16x^4y^4z}$

28.  $-2\sqrt{48a^3b^4c^2}$