

**Simplify. Assume each radical represents a real number.**

1.  $\sqrt{175}$

2.  $\sqrt{27}$

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

4.  $\sqrt{10} \cdot \sqrt{6} \cdot \sqrt{3}$

5.  $\sqrt{\frac{20}{25}}$

6.  $\sqrt{\frac{48}{9}}$

7.  $\sqrt{15^2}$

8.  $\sqrt{(-12)^2}$

9.  $\sqrt{x^2}$