

Operations with Radicals

Date _____ Period _____

Simplify.

1) $\sqrt{36}$

2) $\sqrt{12}$

3) $\sqrt{45}$

4) $\sqrt{27}$

5) $\sqrt{12} \cdot \sqrt{3}$

6) $\sqrt{2} \cdot \sqrt{6}$

7) $\sqrt{2} \cdot \sqrt{5}$

8) $\sqrt{5}(\sqrt{2} + 3)$

9) $-4\sqrt{7} + 2\sqrt{7}$

10) $-3\sqrt{5} - 4\sqrt{5}$