

Simplifying radicals — Square roots

Name: _____

Date: _____

Simplify each square root.

1 $\sqrt{375}$

2 $\sqrt{160}$

3 $\sqrt{135}$

4 $\sqrt{63}$

5 $\sqrt{240}$

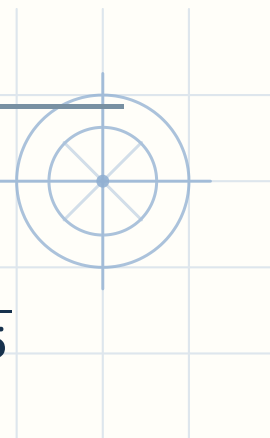
6 $\sqrt{396}$

7 $\sqrt{54}$

8 $\sqrt{192}$

9 $\sqrt{147}$

10 $\sqrt{243}$



Simplifying radicals · Square roots — Answer key

1. $\sqrt{375} = 5\sqrt{15}$

2. $\sqrt{160} = 4\sqrt{10}$

3. $\sqrt{135} = 3\sqrt{15}$

4. $\sqrt{63} = 3\sqrt{7}$

5. $\sqrt{240} = 4\sqrt{15}$

6. $\sqrt{396} = 6\sqrt{11}$

7. $\sqrt{54} = 3\sqrt{6}$

8. $\sqrt{192} = 8\sqrt{3}$

9. $\sqrt{147} = 7\sqrt{3}$

10. $\sqrt{243} = 9\sqrt{3}$

