

Name: \_\_\_\_\_ Class Period: \_\_\_\_\_ Date: \_\_\_\_\_

*Who said, "Change your opinions, keep to your principles; change your leaves, keep intact your roots"?***Simplify each square root. Find the simplified form in the box. Put the letter next to it in the spot for the question below.**

1.  $\sqrt{175}$

6.  $\sqrt{396}$

2.  $\sqrt{96}$

7.  $\sqrt{392}$

3.  $\frac{\sqrt{576}}{\sqrt{9}}$

8.  $\frac{\sqrt{945}}{\sqrt{21}}$

4.  $\sqrt{432}$

9.  $\sqrt{4032}$

5.  $\frac{\sqrt{2160}}{\sqrt{15}}$

10.  $\frac{\sqrt{3675}}{\sqrt{48}}$

T: $3\sqrt{5}$	O: $4\sqrt{6}$	R: $6\sqrt{11}$	U: $5\sqrt{7}$	C: 8	V: $\frac{35}{4}$
I: 12	H: $12\sqrt{3}$	O: $14\sqrt{2}$	G: $24\sqrt{7}$		



(1802–1885)  
French Author &  
Playwright.  
Wrote Les Misérables.

10 5 3 8 2 6 4 1 9 7

**For help with this worksheet go to [Mathops.com](http://Mathops.com) Section 15 Lesson 1.**

Copyright © 2010 by Twining Mathematics, LLC

**SQ 1 Basic**