

Name _____

8R Math

Date _____

Period _____

Practice with Estimating Square Roots

Part I: Find the two integers the square root is between. Show all work!

1. $\sqrt{23}$	2. $\sqrt{78}$	3. $\sqrt{145}$
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Part II: Find the integer the square root is closest to (nearest whole number). Show all work!

4. $\sqrt{117}$	5. $\sqrt{7}$	6. $\sqrt{32}$
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Part III: Approximate each square root to the nearest hundredth. Show all work!

7. $\sqrt{56}$

8. $\sqrt{90}$

9. $\sqrt{12}$