Lesson 6.4 Practice: Square Roots and Perfect Squares

School Launch · Pre-Algebra · Unit 6: Exponents and Square Roots · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Evaluate $\sqrt{36}$. EASY

2. Evaluate $\sqrt{4}$. EASY

3. Evaluate $\sqrt{144}$. EASY

4. Evaluate $\sqrt{\frac{49}{100}}$. MEDIUM

5. Evaluate $\sqrt{\frac{64}{81}}$. MEDIUM

6. Evaluate $\sqrt{\frac{1}{4}}$. MEDIUM

7. Evaluate $\sqrt{\frac{25}{9}}$. MEDIUM

8. Evaluate $\sqrt{100} + \sqrt{324} - \sqrt{49}$. HARD

9. Evaluate $\sqrt{144} + \sqrt{400} - \sqrt{289}$. HARD

10. Evaluate $\sqrt{100} + \sqrt{144} - \sqrt{625}$. HARD