Lesson 11.4 Practice: Slope

School Launch · Pre-Algebra · Unit 11: The Coordinate Plane and Graphing · 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. Find the slope of the line through $(-2, 5)$ and $(0, 11)$. EASY

2. Find the slope of the line through $(-7, -8)$ and $(1, 0)$. EASY

3. Find the slope of the line through $(0, 7)$ and $(1, 5)$. EASY

4. Find the slope of the line through $(-2, 1)$ and $(-5, 4)$. MEDIUM

5. Find the slope of the line through $(7, -4)$ and $(-8, 1)$. MEDIUM

6. Find the slope of the line through $(-7, 5)$ and $(-6, 3)$. MEDIUM

7. Find the slope of the line through $(-5, 0)$ and $(-2, -6)$. MEDIUM

8. Isaac's savings were \$629 after 3 weeks and \$239 after 8 weeks. Find the rate of change and say what it means. HARD

9. Naomi's savings were \$560 after 3 weeks and \$872 after 9 weeks. Find the rate of change and say what it means. HARD

10. Daniel's savings were \$410 after 4 weeks and \$645 after 9 weeks. Find the rate of change and say what it means. HARD