Lesson 11.2 Practice: Tables, Rules and Graphs

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. A table shows x: 0, 1, 2, 3 and y: 7, 9, 11, 13. Write the rule and find y when $x = 9$. EASY

2. A table shows x: 0, 1, 2, 3 and y: -9, -6, -3, 0. Write the rule and find y when $x = 6$. EASY

3. A table shows x: 0, 1, 2, 3 and y: -5, -4, -3, -2. Write the rule and find y when $x = 10$. EASY

4. A table shows x: 0, 1, 2, 3 and y: -6, -11, -16, -21. Write the rule and find y when $x = 15$. MEDIUM

5. A table shows x: 0, 1, 2, 3 and y: -1, 0, 1, 2. Write the rule and find y when $x = 9$. MEDIUM

6. A table shows x: 0, 1, 2, 3 and y: 3, 4, 5, 6. Write the rule and find y when $x = 15$. MEDIUM

7. A table shows x: 0, 1, 2, 3 and y: 4, 8, 12, 16. Write the rule and find y when $x = 10$. MEDIUM

8. A table shows x: 0, 1, 2, 3 and y: 0, -1, -2, -3. Write the rule and find y when $x = 11$. HARD

9. A table shows x: 0, 1, 2, 3 and y: -6, -7, -8, -9. Write the rule and find y when $x = 12$. HARD

10. A table shows x: 0, 1, 2, 3 and y: 3, -1, -5, -9. Write the rule and find y when $x = 10$. HARD