Lesson 5.5 Practice: Standard Form and Intercepts

School Launch · Algebra I · Unit 5: Linear Functions · 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 x- and y-intercepts of $x + y = -1$. EASY

2. Find the x- and y-intercepts of $x - y = 6$. EASY

3. Find the x- and y-intercepts of $3x + y = 6$. EASY

4. Find the x- and y-intercepts of $x + y = 5$. MEDIUM

5. Find the x- and y-intercepts of $3x + 5y = 15$.

MEDIUM

6. Find the x- and y-intercepts of $3x - 2y = 6$.

MEDIUM

7. Find the x- and y-intercepts of $6x - 5y = -30$.

MEDIUM

8. Find the x- and y-intercepts of $x + 3y = 3$. HARD

9. Find the x- and y-intercepts of $2x - 3y = 6$. HARD

10. Find the x- and y-intercepts of $5x + 6y = -30$.

HARD