

Algebra I Worksheet #3 Unit 7 page 1 _____

Write the equation of each line described. If the line is oblique, then write the slope-intercept equation.

1. The line with slope 3 through the point (1, -2).

2. The line with slope 0 through the point (5, -3).

3. The line with slope $\frac{4}{5}$ through the point (5, -1).

4. The line with *no slope* through the point (2, -6).

5. The line with slope $\frac{3}{8}$ through the point (4, 3).

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Write the equation of each line described. If the line is oblique, then write the slope-intercept equation.

6. The line through $(-3, -5)$ and $(1, 3)$.

7. The line through $(3, 2)$ and $(3, -3)$.

8. The line through $(6, 0)$ and $(4, 5)$.

9. The line through $(-3, 3)$ and $(6, -3)$.

10. The line through $(4, 3)$ and $(1, 2)$.

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Write the equation of each line graphed below. If the line is oblique, write its slope-intercept equation.

11. a: _____

12. b: _____

13. c: _____

14. d: _____

15. e: _____

