

Algebra II Worksheet #2 Unit 2 page 1 _____

Write the equation of each line described. If the line is oblique, use slope-intercept form.

1. **The horizontal line through (3, -5).** _____

2. **The vertical line through (3, -5).** _____

3. **The line with slope 0 through (-2, 1).** _____

4. **The line with "no slope" through (-2, 1).** _____

5. **The line with slope 2 and y-intercept 1.** _____

6. **The line with slope $-1/2$ through (0, 3).** _____

7. **The line through (3, 1) and (0, 5).** _____

8. **The line with slope $2/3$ through (6, 2).** _____

9. **The line with slope $5/2$ through (-3, 4).** _____

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Write the equation of each line described. If the line is oblique, use slope-intercept form.

10. The line through (5, 2) and (-3, 2). _____

11. The line through (1, 5) and (-1, 1). _____

12. The line through (-1, 2) and (1, 5). _____

13. Line a: _____

14. Line b: _____

15. Line c: _____

16. Line d: _____

