

NAME: _____

HW 3.3 – PARALLEL & PERPENDICULAR
LINES

DATE: _____

ALGEBRA 1A

State the slope of a line that is:

a. parallel to the given line

b. perpendicular to the given line

1. $y = x - 3$

2. $y = 2x - 8$

3. $y = -x + 7$

4. $y = -\frac{1}{2}x + 4$

5. $y = \frac{5}{2}x - 6$

6. $y = -2x + 6$

7. $y = x$

8. $y = -5$

9. $x = 4$

10. $y = -\frac{4}{5}x - 2$

11. $4x - y = 8$

12. $4x + 7y = 28$

13. $2x + y = 0$

14. $7x - 5y = -5$

15. $x - y = 1$

16. $2x - y = -2$

17. $5x + 2y = -12$

18. $x - 3y = 9$