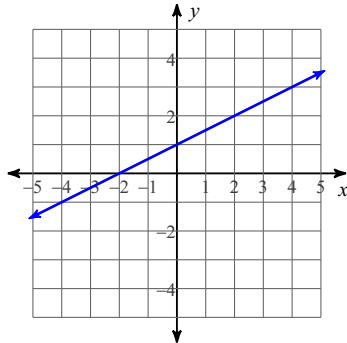


Valentines day!!!!

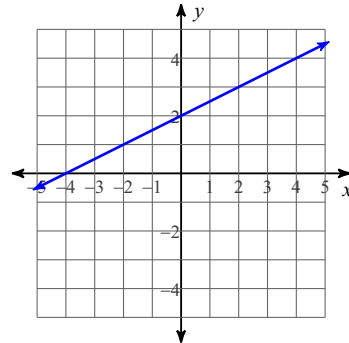
Date _____ Period _____

Write the slope-intercept form of the equation of each line.

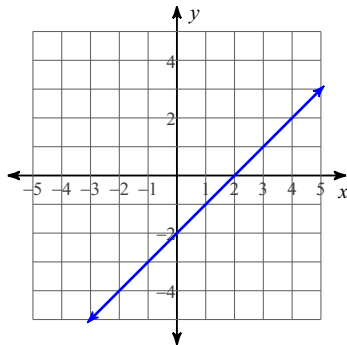
1)



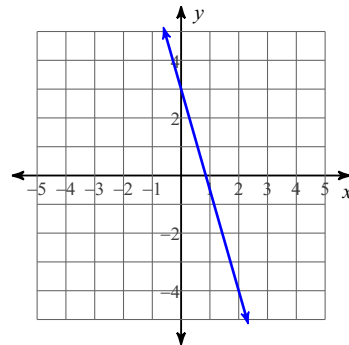
2)



3)



4)



Simplify each expression.

5) $(6b - 3b^2 + 2) - (6 + 7b^2) - (4b^2 - 3)$

6) $(3v^2 + 5 - 2v) + (6v^2 - 3v) + (8 + 4v^2)$

7) $(4r + 1 + 8r^2) - (3r + 8r^2) + (5 + 4r^2)$

8) $(3 + 2p + p^2) + (8 + 7p) + (2 - 6p)$

9) $(7 - 2k^2 + 8k) - (2 + 3k) + (3 + 6k^2)$

10) $(2n^2 - 8 - 6n) - (5 + 8n^2) + (1 - 2n)$

Find each product.

11) $2(2x - 7)(3x + 2)$

12) $3(b - 6)(5b + 8)$

13) $(3n - 1)(6n + 4)$

14) $2(5x - 8)(8x + 2)$

Answers to Valentines day!!!! (ID: 1)

1) $y = \frac{1}{2}x + 1$

5) $-14b^2 + 6b - 1$

9) $4k^2 + 5k + 8$

13) $18n^2 + 6n - 4$

2) $y = \frac{1}{2}x + 2$

6) $13v^2 - 5v + 13$

10) $-6n^2 - 8n - 12$

14) $80x^2 - 108x - 32$

3) $y = x - 2$

7) $4r^2 + r + 6$

11) $12x^2 - 34x - 28$

4) $y = -\frac{7}{2}x + 3$

8) $p^2 + 3p + 13$

12) $15b^2 - 66b - 144$