

SNOW PACKET 17

Date _____ Period _____

Simplify each expression.

1) $(3 + p) + (1 + 4p)$

2) $(5x^4 - 4x^2) + (2x^2 + 2x^4)$

3) $(4x - x^4) + (5x - 2x^3)$

4) $(4 - r) - (3r - 3)$

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

6) $(4 - x^4) + (5x^4 + 1)$

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

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

9) $(4n + 3n^4) - (3n + 4n^4)$

10) $(5x^3 - 3x^4) + (4x^4 - 3x^3)$

SNOW PACKET 18

Date _____ Period _____

Find each product.

1) $2a(3a - 2)$

2) $4m(m + 7)$

3) $5(7r - 3)$

4) $6(8m - 4)$

5) $6r(3r + 7)$

6) $6(8n + 5)$

7) $2(8x - 8)$

8) $5(3b + 8)$

9) $6(6x + 2)$

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Date _____ Period _____

Simplify each expression.

1) $-2x + 9(x + 6)$

2) $5x - 6(x - 5)$

3) $-10(10 - m) + 9m$

4) $-9x - 10(-7x + 9)$

5) $6 - 6(1 - 6m)$

6) $8(7x + 4) + 1$

7) $-3(3 - 9a) + 4$

8) $10 + 9(1 + 4n)$

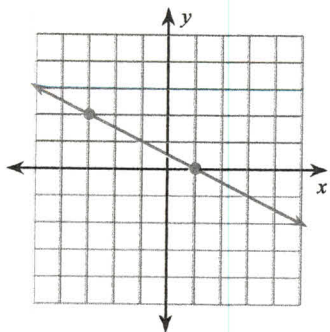
9) $6(k - 8) - 4$

10) $3(9n - 5) + 6n$

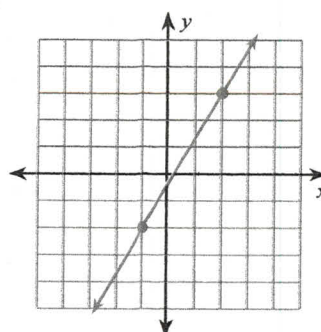
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Find the slope of each line.

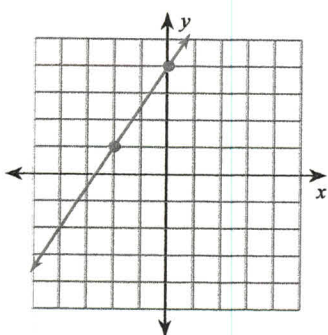
1)



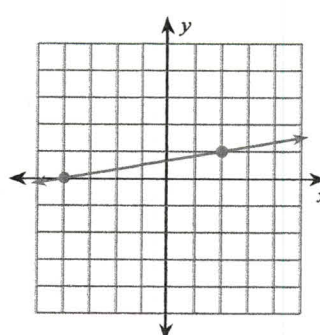
2)



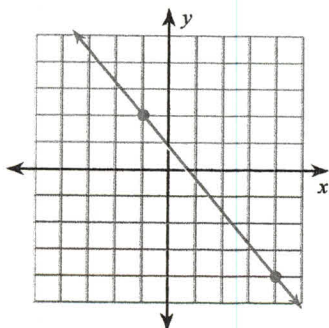
3)



4)



5)



Find the slope of the line through each pair of points.

6) $(-12, 9), (13, 0)$

7) $(-8, -15), (-15, 3)$

8) $(17, 13), (17, 11)$

9) $(7, -6), (-13, -6)$

10) $(17, 4), (-8, 17)$

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Solve each equation.

1) $-(x + 5) = -(2x - 8) + 2$

2) $-4(4b + 6) + 5b = -8b - 7(b + 8)$

3) $-5b + 4b = -5(b - 8) - 4(2 + 3b)$

4) $2(-4 - 4p) = -4 + 2(4 - 5p)$

5) $-7(1 - 4v) = 7(6v - 5)$

6) $-124 = 8 - 4(3 - 6v)$

7) $188 = -4(6p - 5)$

8) $-90 = -6 + 3(4 + 4r)$

9) $178 = 2 + 4(-4 + 8x)$

10) $-2 + 8(b - 3) = -90$