

SNOW PACKET 17

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 _____

Simplify each expression.

1) $-8(r + 3)$

2) $10(4p - 6)$

3) $-2(-4 + 6x)$

4) $-10(3 + 5b)$

5) $6(4 + 8x)$

6) $-3(x + 5)$

7) $10(n + 10)$

8) $2(x - 8)$

9) $-2(n - 3)$

10) $3(-5 + 2n)$

SNOW PACKET 19

Date _____ Period _____

Simplify each expression.

1) $-2(1 + 4n) - 2n$

2) $10(9x - 7) + 6x$

3) $10 - 8(8m - 4)$

4) $7m + 6(m - 9)$

5) $3 - 5(6 - 8x)$

6) $9(n - 1) + 4n$

7) $6 + 2(10 - 2a)$

8) $7 - (n - 7)$

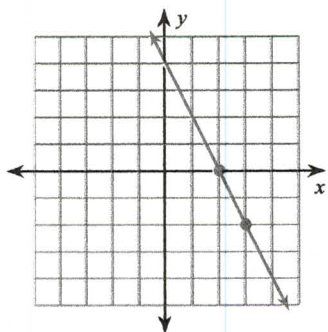
9) $-6b + 5(1 + 9b)$

10) $-9x - 2(8 + 6x)$

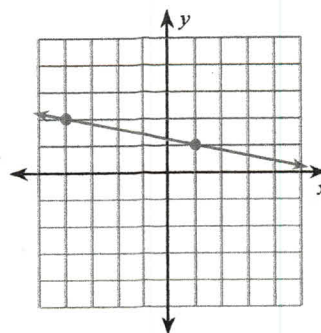
SNOW PACKET 20

Find the slope of each line.

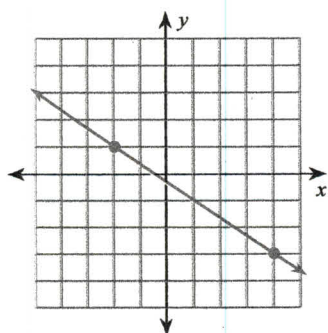
1)



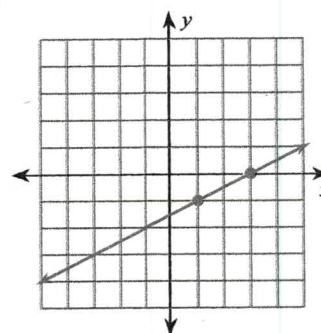
2)



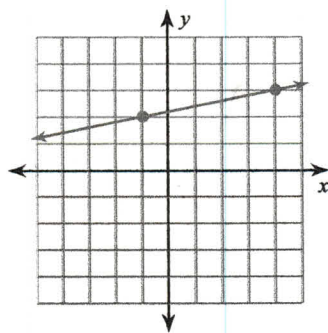
3)



4)



5)



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

6) $(16, 19), (1, -11)$

7) $(19, -12), (-9, -3)$

8) $(-3, -4), (0, 13)$

9) $(8, -17), (13, 4)$

10) $(-11, 20), (-14, -20)$

SNOW PACKET 21

Solve each equation.

1) $-(5 - 2p) = -7(1 - 5p) + 2$

2) $6(n + 7) = 4(7n - 6)$

3) $-2(7r - 1) = 2(2r - 8)$

4) $8b + 5(b - 7) = -6b - 4(1 + 3b)$

5) $-6(2a - 8) - 3a = -6(a - 5)$

6) $132 = -8 - 5(4n - 8)$

7) $-6v + 2(-7v - 2) = 96$

8) $-108 = -6(-3r - 3)$

9) $331 = 2 - 7(1 - 6n)$

10) $-105 = 7(6 - 3r)$