Algebra I

Name_____ ID: 1

SNOW PACKET 17

Date_____ Period____

Simplify each expression.

1) $(2m+5)-(5-4m)$

2) $(x-1)-(4-2x)$

3) $(1+b^2)-(4b^2+4)$

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

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

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

7) $(5-2r)-(1+3r)$

8) $(r^4-r^3)-(4r^4-5r^3)$

9) $(4-4p^2)-(3p^4+2)$

10) $(4b-2b^4)+(4b^4+5b)$

Algebra I

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Simplify each expression.

1) $9(m-1)$

2) $9(1+9m)$

3) $-10(p+8)$

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

5) $-6(-9a+3)$

6) $-(-6x-4)$

7) $2(9a+10)$

8) $3(-8a+7)$

9) $-(-k-3)$

10) $-4(3a-5)$

Algebra I

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Simplify each expression.

1) $-5(10 + r)$

2) $10(1 - 2m)$

3) $-3(2n - 8)$

4) $9(v - 1)$

5) $4(x - 9)$

6) $2(8 + k)$

7) $6(2x + 7)$

8) $3(1 - 5b)$

9) $5(5 + 2n)$

10) $-8(-10 - 3k)$

Algebra I

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Simplify each expression.

1) $6 + 4(9 + 3p)$

2) $-3n + 10(n + 4)$

3) $-3a - 5(3a - 10)$

4) $9k + 10(7k + 3)$

5) $5x - 10(4 - x)$

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

7) $4 - 10(-6x - 7)$

8) $-10(10v + 5) + 2v$

9) $-3p + 3(1 - 7p)$

10) $-2 - 4(-n + 10)$

ALG 1

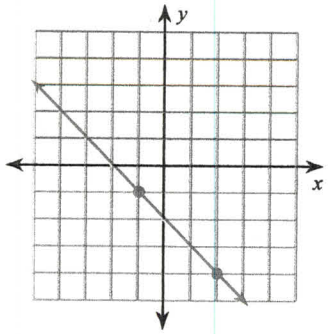
Name_____ ID: 1

SNOW PACKET 20

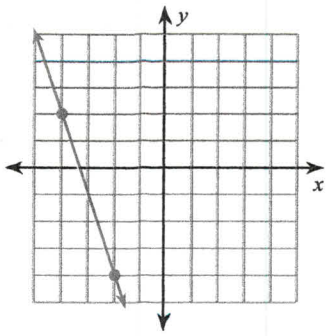
Date_____ Period____

Find the slope of each line.

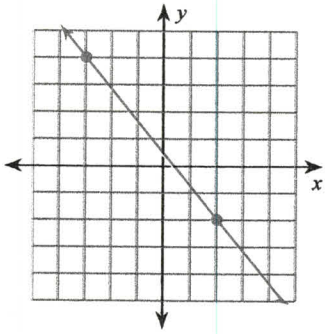
1)



2)



3)



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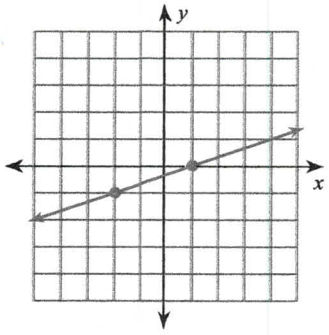
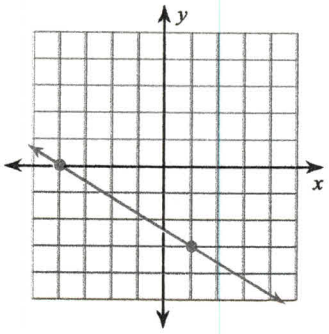


5)



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

6) $(-20, -7), (-9, 0)$

7) $(-12, 14), (3, -11)$

8) $(15, 4), (-17, -20)$

9) $(2, 13), (2, -15)$

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

Algebra I

Name_____ ID: 1

SNOW PACKET 21

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Solve each equation.

1) $3p + 4(2p - 5) = -2(p + 7) + 7$

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

3) $-(n - 1) = 8(1 - n)$

4) $-6(4p - 5) = 2(-1 + 4p)$

5) $5(1 - 8n) + 6(3n + 1) = -6n - 5n$

6) $-98 = 7(4x - 8) - 7x$

7) $-219 = 7(8 - 8n) + n$

8) $7(4v + 2) = -154$

9) $168 = 4(-5v + 2)$

10) $7(5 + x) = 91$