STAPLE

Name _____ $Score: \frac{}{5}$

Gillespie
Course 3: Gauge Ch6f
Equations and Inequalities

Identify and verify the values of x and y that simultaneously satisfy each pair of equations

1) Identify x

$y = x - 1$

$y = -x + 11$

2) Identify y

$y = -x$

$y = 2x$

3) Identify x

$y = -3x + 6$

$y = x - 2$

4) Identify y

$y = 3x - 4$

$y = -3x - 4$

5) Identify y

$y = 2x + 1$

$y = 3x$

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6) Identify y

$y = -x + 4$

$y = x - 10$

7) Identify x *and* y

$y = -x + 6$

$y = 2x$

a) $y = 2, x = 4$

b) $x = 2, y = -4$

c) $x = -2, y = 4$

d) $x = 2, y = 4$

8) Identify x *and* y

$y = x - 4$

$y = -2x + 5$

a) $x = -1, y = 3$

b) $x = -3, y = 1$

c) $x = 3, y = -1$

d) $x = -3, y = -1$

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9) Identify x *and* y

$y = 2x + 9$

$y = -8 + 2x$

a) $x = 0, y = 0$

b) $x = 0, y = -3$

c) *no solution*

d) *infinite solutions*

10) Identify x *and* y

$y = 4x - 6$

$y = x + 3$

a) $x = 3, y = 6$

b) $x = -3, y = 6$

c) $x = 3, y = -6$

d) $x = -3, y = -6$