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Math worksheet on *'Linear Equations - Find Intersection (Integer) - Two Linear Equations (Level 1)'*. Part of a broader unit on *'Linear Equation Intersections - Intro'*

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1 Find the intersection point of these two lines

$$y = -4x - 0$$
$$y = -3x + 6$$

a	b	c
$(-9, 21)$	$(-9, 22)$	$(-8, 21)$

d	e	f
$(-9, 19)$	$(-3, 21)$	$(-6, 24)$

2 Find the intersection point of these two lines

$$y = 2x - 5$$
$$y = 4x + 1$$

a	b
$(-8, -14)$	$(0, -16)$

c	d
$(-6, -15)$	$(-5, -14)$

e	f
$(1, -9)$	$(-3, -11)$

3 Find the intersection point of these two lines

$$y = 2x - 2$$
$$y = 6x - 2$$

a	b	c
$(3, -1)$	$(-4, -4)$	$(-1, -2)$

d	e	f
$(0, -2)$	$(-3, -4)$	$(3, 1)$

4 Find the intersection point of these two lines

$$y = 2x - 4$$
$$y = 4x - 6$$

a	b	c
$(1, -2)$	$(3, -7)$	$(2, -4)$

d	e	f
$(4, -3)$	$(3, 1)$	$(2, 0)$

5 Find the intersection point of these two lines

$$y = 5x + 6$$
$$y = 3x - 6$$

a	b
$(-6, -24)$	$(-6, -20)$

c	d
$(-10, -22)$	$(-8, -24)$

e	f
$(-2, -23)$	$(-11, -25)$

6 Find the intersection point of these two lines

$$y = -5x - 5$$
$$y = 2x - 5$$

a	b	c
$(2, -1)$	$(1, -7)$	$(0, -5)$

d	e	f
$(-2, -9)$	$(-2, -3)$	$(-2, -4)$

7 Find the intersection point of these two lines

$$y = 3x + 3$$
$$y = 4x - 0$$

a	b	c
$(6, 13)$	$(0, 9)$	$(2, 14)$

d	e	f
$(1, 9)$	$(3, 12)$	$(2, 11)$

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