Math worksheet on *'Linear Equations - Find Intersection (Integer) - With Horizontal Line (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

$$y = 6x + 8$$
$$y = 2$$

a	b	c
$(1, 2)$	$(3, 4)$	$(-6, 2)$
d	**e**	**f**
$(-1, 2)$	$(0, 2)$	$(2, 2)$

2 Find the intersection point of these two lines

$$y = 1x + 4$$
$$y = 3$$

a	b	c
$(-3, 3)$	$(2, -1)$	$(-3, 6)$
d	**e**	**f**
$(-1, 3)$	$(0, 5)$	$(3, 3)$

3 Find the intersection point of these two lines

$$y = -1x + 3$$
$$y = 2$$

a	b	c
$(1, 2)$	$(-3, 2)$	$(-2, 2)$
d	**e**	**f**
$(-3, 5)$	$(5, 2)$	$(4, 5)$

4 Find the intersection point of these two lines

$$y = -5x - 0$$
$$y = 5$$

a	b	c
$(1, 5)$	$(-5, 5)$	$(-4, 5)$
d	**e**	**f**
$(0, 7)$	$(-1, 0)$	$(-1, 5)$

5 Find the intersection point of these two lines

$$y = -3x + 5$$
$$y = -1$$

a	b	c
$(3, -1)$	$(2, -1)$	$(1, -1)$
d	**e**	**f**
$(0, -1)$	$(4, -1)$	$(-3, -1)$

6 Find the intersection point of these two lines

$$y = -1x + 6$$
$$y = -2$$

a	b	c
$(10, -1)$	$(6, -2)$	$(8, -2)$
d	**e**	**f**
$(10, -2)$	$(9, -2)$	$(12, -1)$

7 Find the intersection point of these two lines

$$y = 1x + 5$$
$$y = 1$$

a	b	c
$(-3, 1)$	$(-4, 1)$	$(-1, 3)$
d	**e**	**f**
$(-4, -4)$	$(-9, 1)$	$(-8, 1)$