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

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

a	b
$(1, -13)$	$(-3, -8)$
c	**d**
$(0, -16)$	$(-3, -11)$
e	**f**
$(-3, -9)$	$(-3, -15)$

2 Find the intersection point of these two lines

$$y = 2x + 8$$
$$x = 4$$

a	b	c
$(4, 16)$	$(7, 11)$	$(4, 14)$
d	**e**	**f**
$(4, 12)$	$(4, 19)$	$(4, 17)$

3 Find the intersection point of these two lines

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

a	b	c
$(1, 14)$	$(1, 5)$	$(1, 10)$
d	**e**	**f**
$(1, 8)$	$(1, 11)$	$(3, 12)$

4 Find the intersection point of these two lines

$$y = 8x + 1$$
$$x = 3$$

a	b	c
$(3, 28)$	$(3, 24)$	$(3, 25)$
d	**e**	**f**
$(4, 28)$	$(3, 22)$	$(3, 27)$

5 Find the intersection point of these two lines

$$y = 7x - 0$$
$$x = 4$$

a	b	c
$(1, 23)$	$(4, 25)$	$(4, 29)$
d	**e**	**f**
$(4, 32)$	$(7, 28)$	$(4, 28)$

6 Find the intersection point of these two lines

$$y = 5x + 8$$
$$x = -1$$

a	b	c
$(-1, 5)$	$(-1, 6)$	$(-1, 3)$
d	**e**	**f**
$(-1, 2)$	$(1, 2)$	$(-1, 7)$

7 Find the intersection point of these two lines

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

a	b
$(-5, -8)$	$(-5, -12)$
c	**d**
$(-5, -15)$	$(-5, -7)$
e	**f**
$(-5, -11)$	$(-5, -13)$