

For a project we did in our Pre-Algebra class, we made a liner art design. If you draw the linear equations, below, you will end up with the background design. When you follow the order pairs, you will get the cross.

Linear Equations.

- 1.) $y = 1$
- 2.) $x = -1$
- 3.) $x = -5$
- 4.) $Y = -x$
- 5.) $Y = x$
- 6.) $Y = \frac{5}{4}x + 20$
- 7.) $Y = -\frac{5}{4}x + 20$
- 8.) $Y = \frac{21}{17}x - 17$
- 9.) $Y = -\frac{21}{17}x - 17$
- 10.) $Y = \frac{6}{7}x - 7$

Ordered Pairs

(1,1)
(1,5)
STOP

(1,5)
(-1,5)
STOP

(-1,5)
(-1,1)
STOP

(-1,1)
(-5,1)
STOP

(1,1)
(5,1)
STOP

(1,-1)
(5,-1)
STOP

(5,1)
(5,-1)
STOP

(-5,1)
(-5,-1)
STOP

(-5,-1)
(-1,-1)
STOP

(-1,-1)
(-1,-8)
STOP

(1,-1)
(1,-8)
STOP

(-1,-8)
(-1,8)
STOP