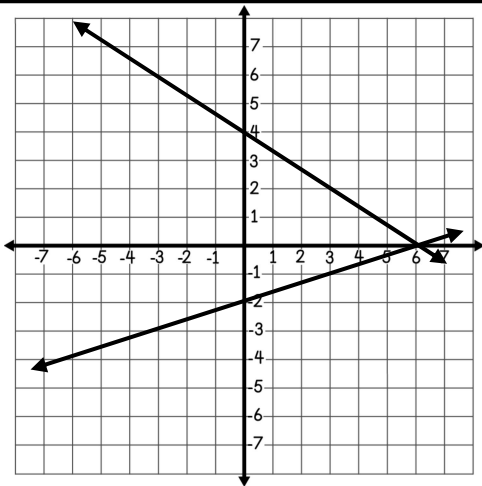


## SOLVING SYSTEMS BY GRAPHING

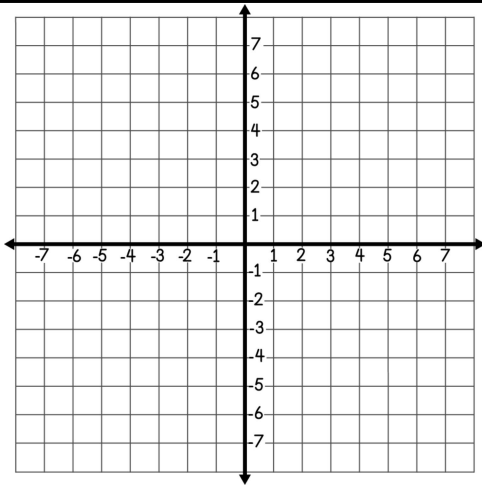
**Instructions:** Cut the cards apart. Then match and glue the appropriate system and solution cards in the blank boxes. If a graph is blank, draw the graph of the system.

**1**



[system] [solution]

**2**



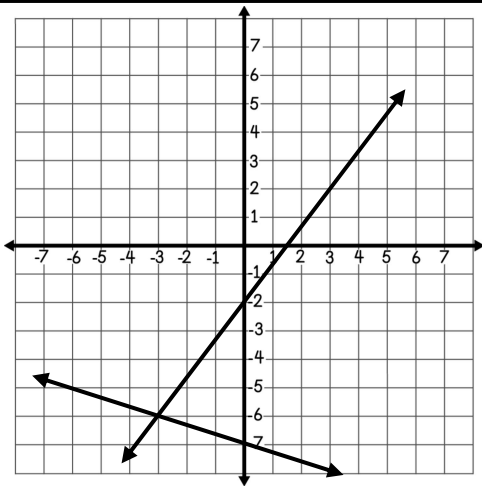
[graph]

$$y = \frac{2}{3}x - 6$$

$$y = -2$$

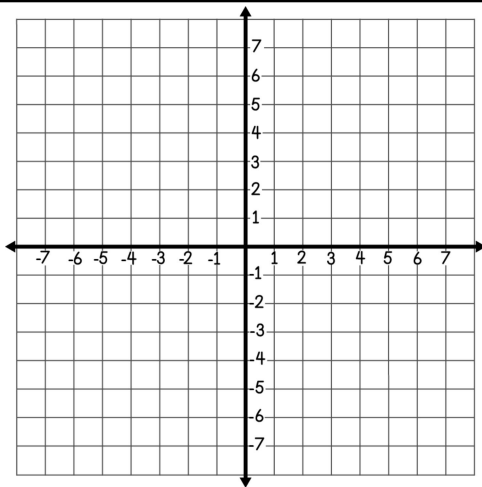
[solution]

**3**



[system] [solution]

**4**



[graph]

$$y = \frac{4}{3}x - 7$$

$$y = -\frac{5}{3}x + 2$$

[solution]

**Instructions:** Cut the cards apart. Then match and glue the appropriate system and solution cards in the blank boxes. If a graph is blank, draw the graph of the system.

**5**

[system]

[solution]

**6**

[graph]

$$y = -\frac{1}{3}x + 6$$

$$y = 3x + 6$$

[solution]

**7**

[system]

[solution]

**8**

[graph]

$$y = x + 3$$

$$y = \frac{5}{3}x + 1$$

[solution]

$y = -\frac{4}{3}x - 6$ $y = -x - 4$	$y = -x - 4$ $y = \frac{1}{3}x - 2$
$y = x$ $y = \frac{1}{3}x + 4$	$y = -x$ $y = \frac{1}{3}x + 4$
$y = \frac{4}{3}x - 2$ $y = -\frac{1}{3}x - 7$	$y = -\frac{4}{3}x - 2$ $y = \frac{1}{3}x - 7$
$y = \frac{4}{3}x - 6$ $y = -x + 4$	$y = -\frac{2}{3}x + 4$ $y = \frac{1}{3}x - 2$

(6, -2)	(-3, -6)
(3, -3)	(3, 6)
(-6, 2)	(3, 3)
(-3, 3)	(6, 0)
(0, 6)	(6, 3)