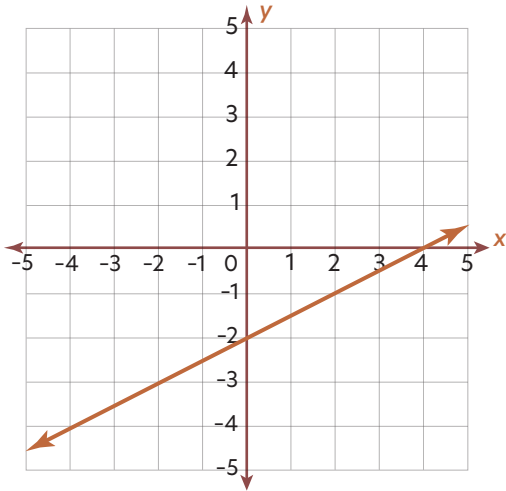


SORTING REPRESENTATIONS OF LINEAR FUNCTIONS



Each card on pages 1 and 2 shows a representation of a linear function. Cut out all of the cards. Then, group cards that represent the same function. There will be a graph, table, and equation in each group.

1

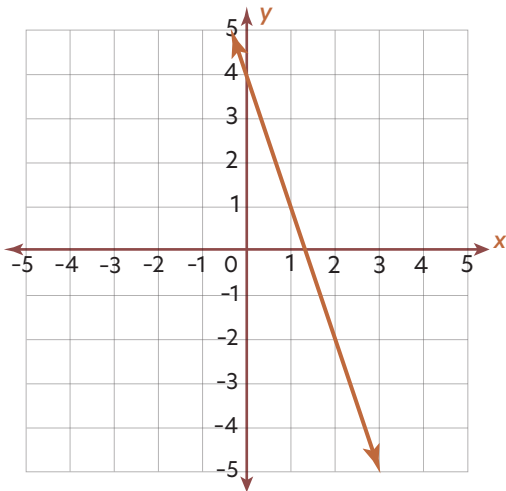


8

x	y
4	0
6	1
10	3
12	4
16	6

18 $y = \frac{1}{2}x - 2$

4

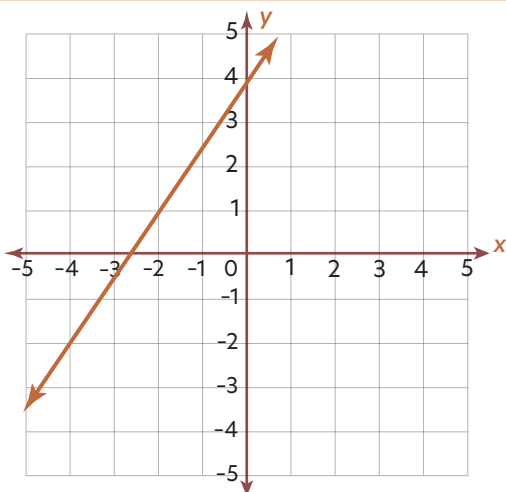


2

x	y
-1	7
0	4
1	1
2	-2
3	-5

12 $y = -3x + 4$

7

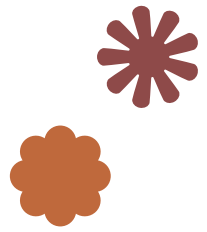


14

x	y
-2	1
0	4
2	7
4	10
6	13

3 $y = \frac{3}{2}x + 4$

SORTING REPRESENTATIONS OF LINEAR FUNCTIONS



Cut out the cards on this page, and sort them as instructed on page 1.

<p>10</p>	<p>5</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;">x</th> <th style="width: 50%;">y</th> </tr> </thead> <tbody> <tr><td>-8</td><td>-3</td></tr> <tr><td>-5</td><td>-3</td></tr> <tr><td>-2</td><td>-3</td></tr> <tr><td>1</td><td>-3</td></tr> <tr><td>3</td><td>-3</td></tr> </tbody> </table>	x	y	-8	-3	-5	-3	-2	-3	1	-3	3	-3	<p>15 $y = -3$</p>
x	y													
-8	-3													
-5	-3													
-2	-3													
1	-3													
3	-3													
<p>13</p>	<p>17</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;">x</th> <th style="width: 50%;">y</th> </tr> </thead> <tbody> <tr><td>-3</td><td>-1</td></tr> <tr><td>-1</td><td>-3</td></tr> <tr><td>1</td><td>-5</td></tr> <tr><td>3</td><td>-7</td></tr> <tr><td>5</td><td>-9</td></tr> </tbody> </table>	x	y	-3	-1	-1	-3	1	-5	3	-7	5	-9	<p>6 $y = -x - 4$</p>
x	y													
-3	-1													
-1	-3													
1	-5													
3	-7													
5	-9													
<p>16</p>	<p>11</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;">x</th> <th style="width: 50%;">y</th> </tr> </thead> <tbody> <tr><td>-6</td><td>-8</td></tr> <tr><td>-3</td><td>-6</td></tr> <tr><td>0</td><td>-4</td></tr> <tr><td>3</td><td>-2</td></tr> <tr><td>6</td><td>0</td></tr> </tbody> </table>	x	y	-6	-8	-3	-6	0	-4	3	-2	6	0	<p>9 $y = \frac{2}{3}x - 4$</p>
x	y													
-6	-8													
-3	-6													
0	-4													
3	-2													
6	0													