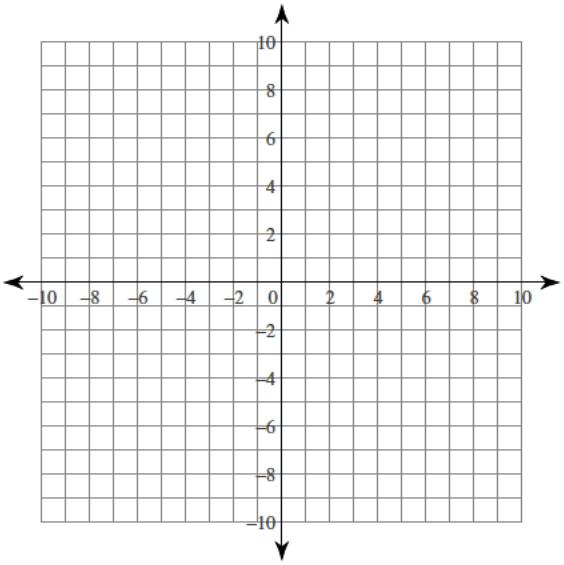
Graphing systems of linear equations - slope/intercept

Find the x-coordinate of the solution to each system by graphing.

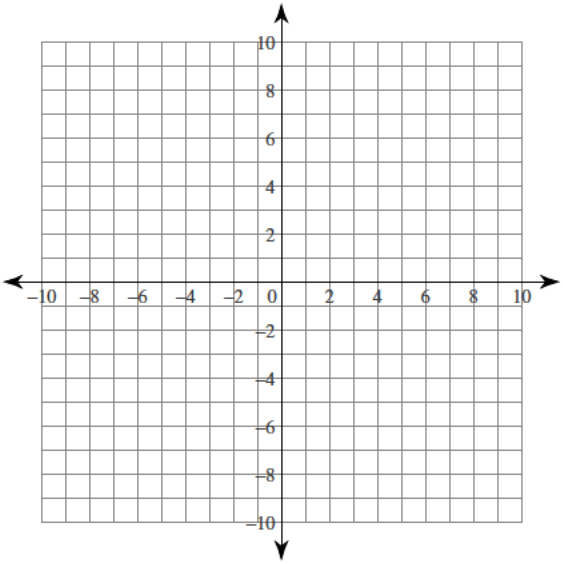
1) $y = \frac{1}{7}x - 7$

$y = \frac{6}{7}x - 2$



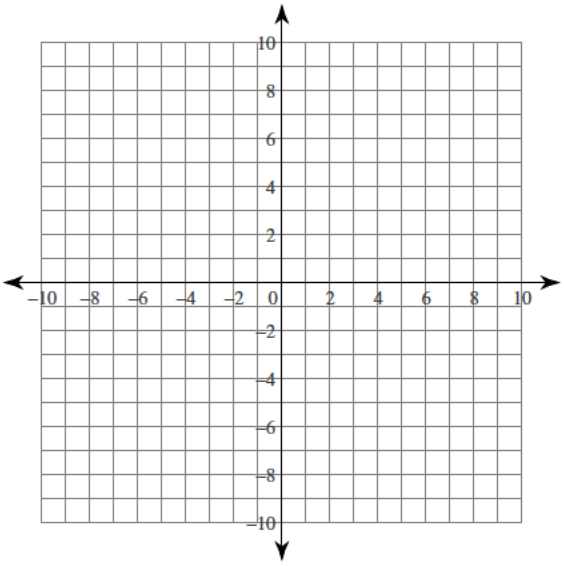
2) $y = \frac{1}{2}x + 8$

$y = -4x - 1$



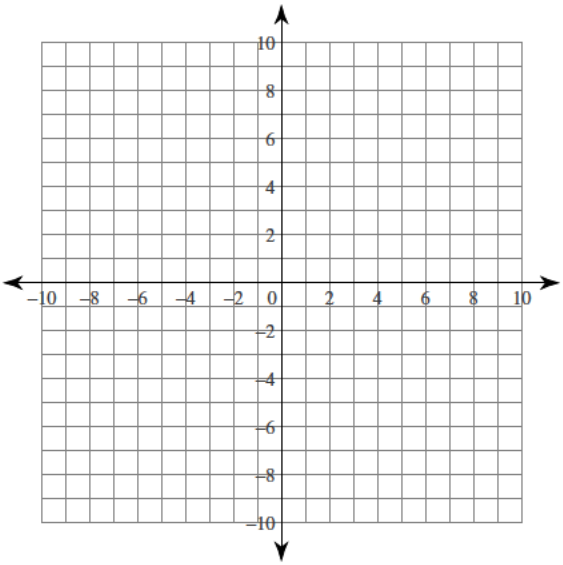
3) $y = \frac{7}{4}x - 3$

$y = \frac{1}{2}x + 2$



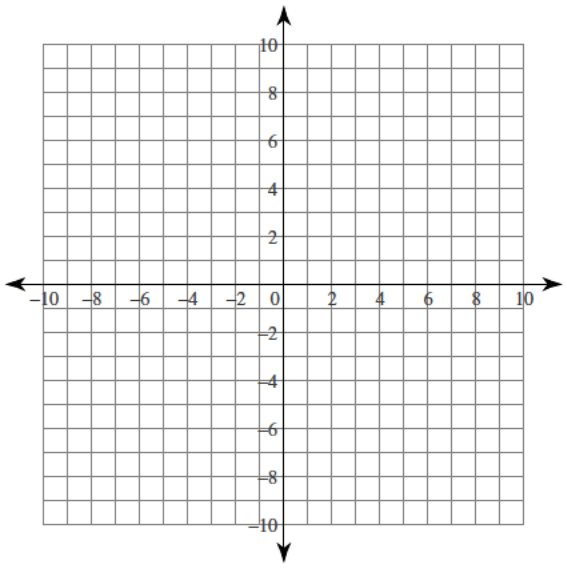
4) $y = -\frac{4}{3}x + 5$

$y = 3x - 8$



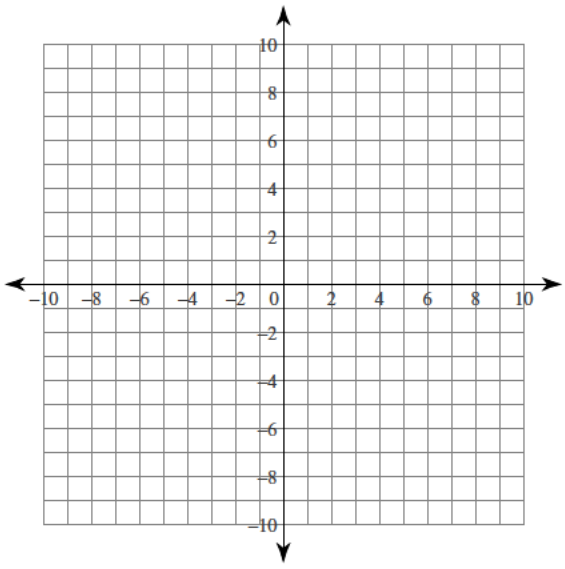
5) $y = \frac{7}{3}x + 9$

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



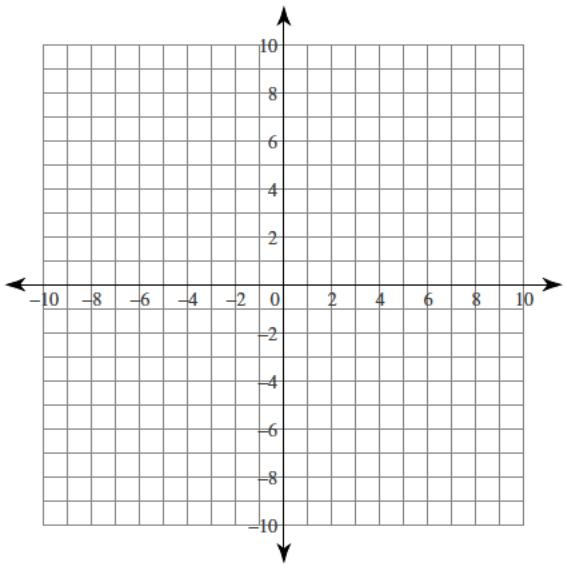
6) $y = -\frac{9}{8}x + 7$

$y = \frac{3}{4}x - 8$



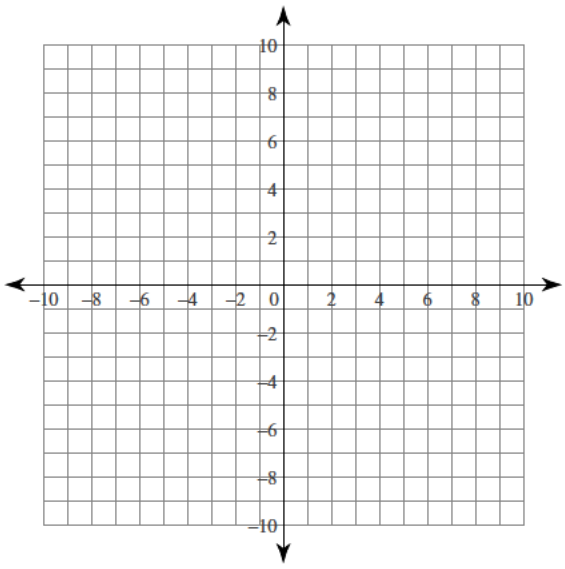
7) $y = \frac{9}{2}x - 8$

$y = -2x + 5$



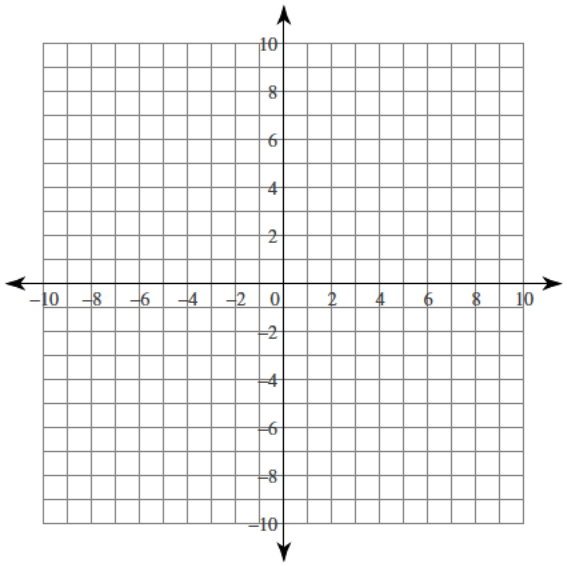
8) $y = -x + 9$

$y = \frac{3}{2}x - 1$



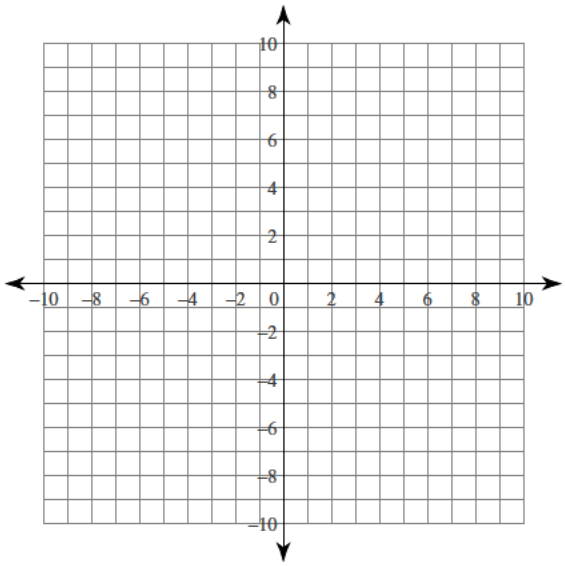
9) $y = -\frac{1}{2}x + 7$

$x = -2$



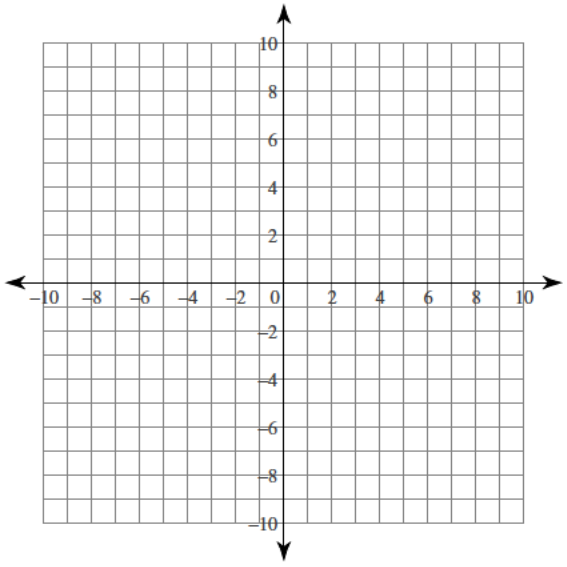
10) $y = -x + 6$

$y = \frac{6}{7}x - 7$



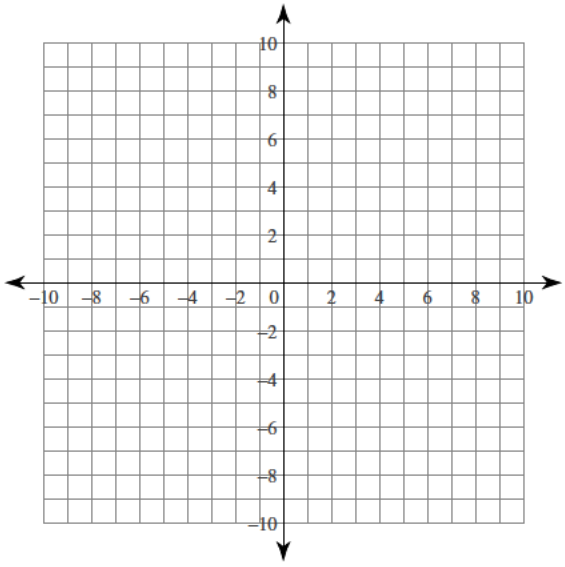
11) $y = \frac{7}{3}x + 9$

$y = \frac{2}{3}x - 1$



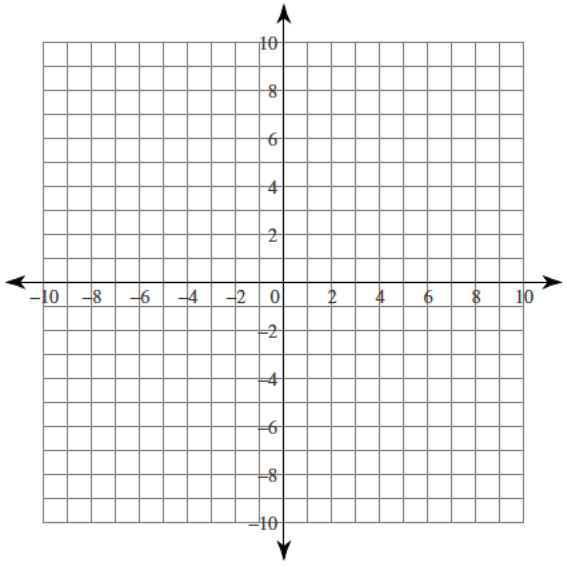
12) $y = \frac{1}{2}x + 1$

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



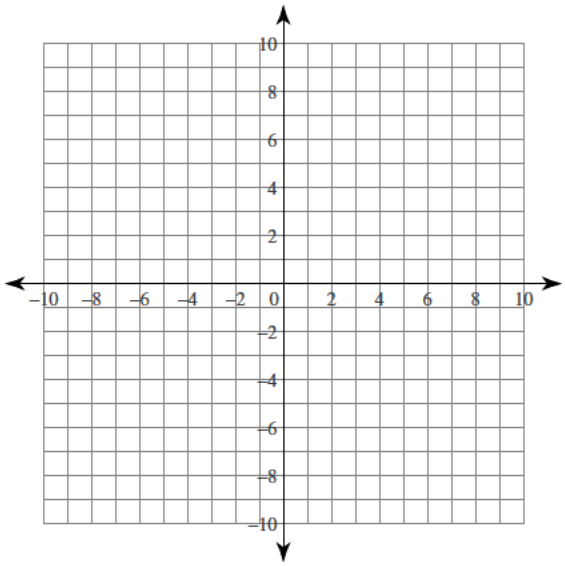
13) $y = \frac{13}{8}x + 5$

$y = \frac{1}{8}x - 7$



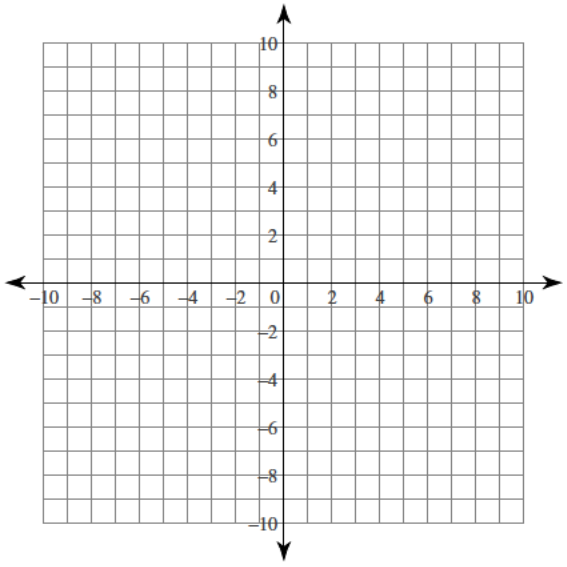
14) $y = \frac{5}{4}x + 3$

$x = -8$



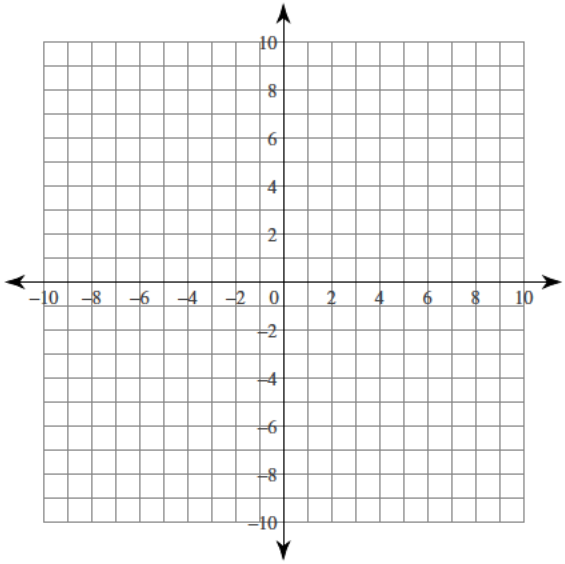
15) $y = \frac{2}{3}x + 3$

$y = 3x - 4$



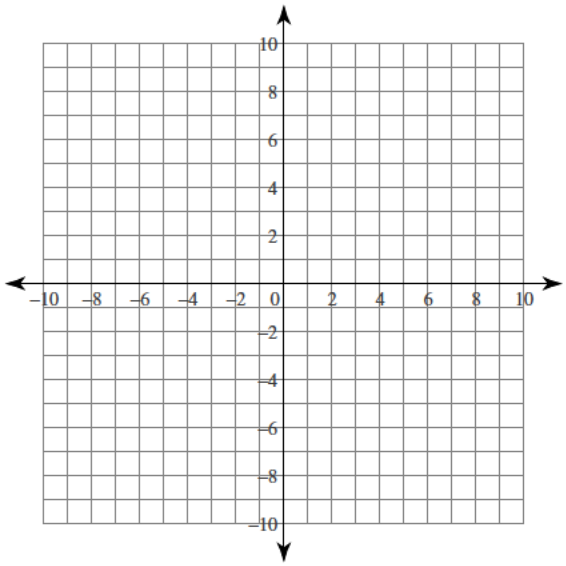
16) $y = 3$

$y = 9x - 6$



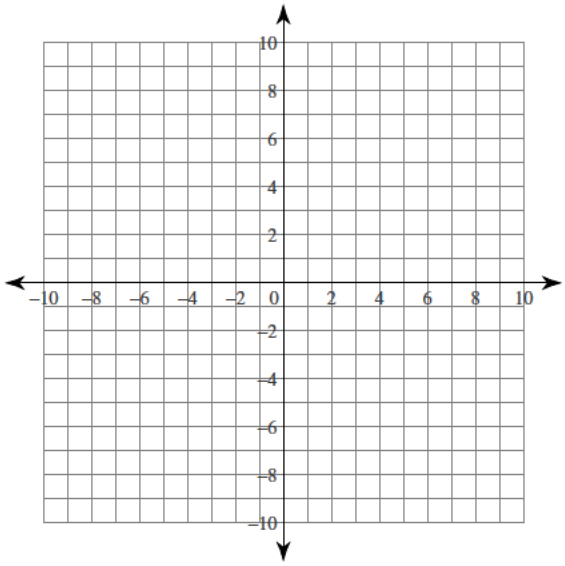
17) $y = -x + 6$

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



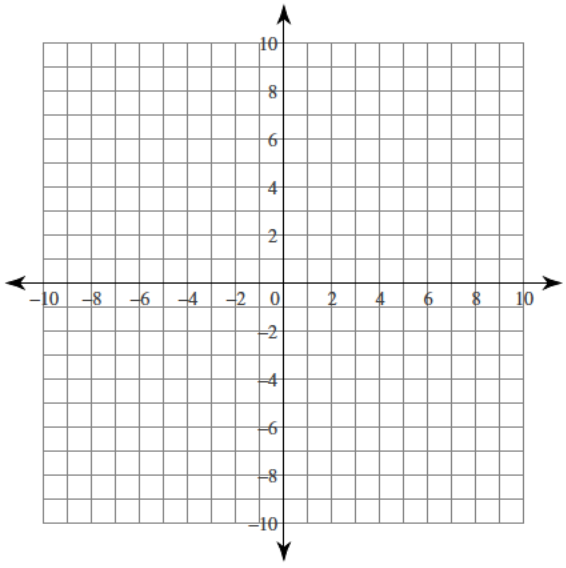
18) $y = -x + 8$

$y = 7x - 8$



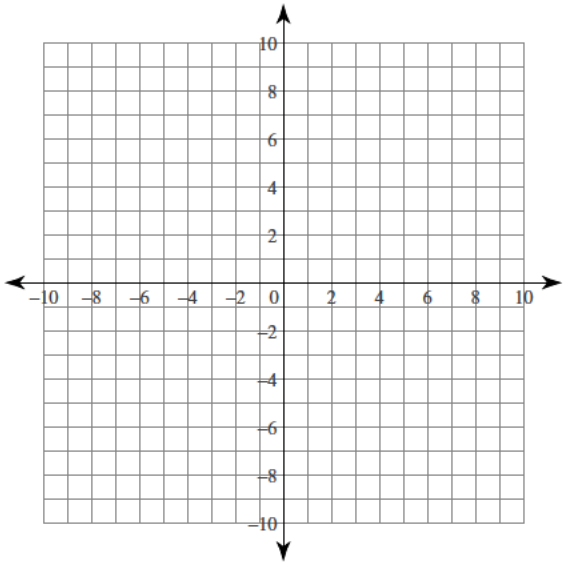
19) $y = -\frac{1}{7}x - 5$

$y = x + 3$



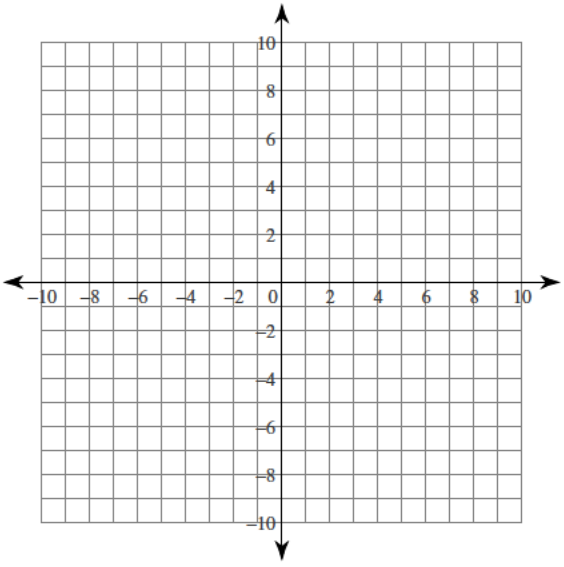
20) $y = \frac{5}{9}x - 2$

$y = -\frac{1}{9}x - 8$



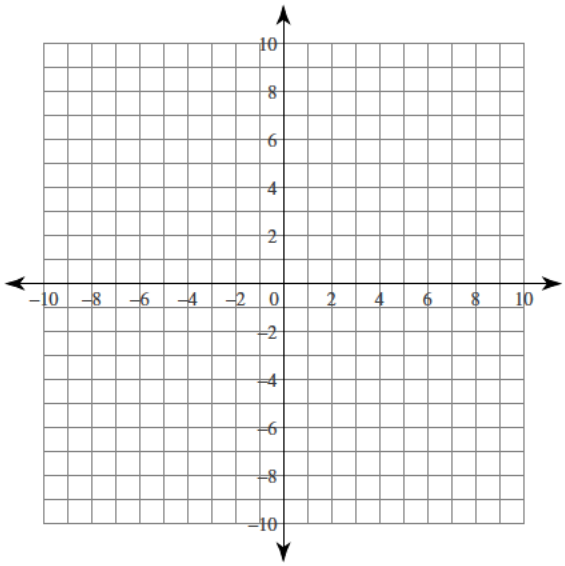
21) $y = -\frac{7}{3}x + 2$

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



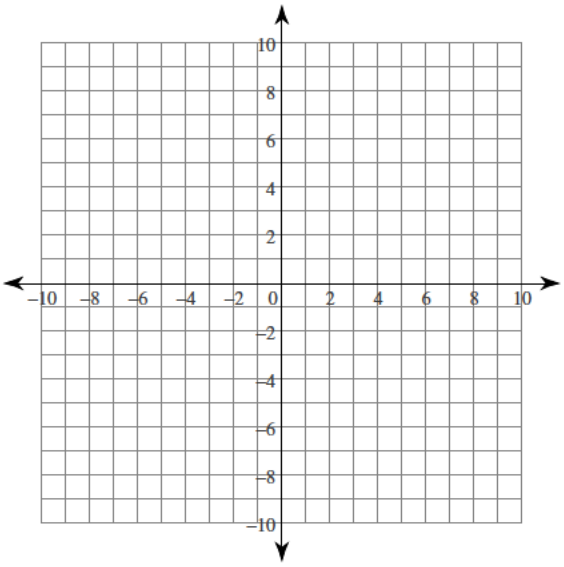
22) $y = -\frac{1}{5}x + 7$

$y = x + 1$



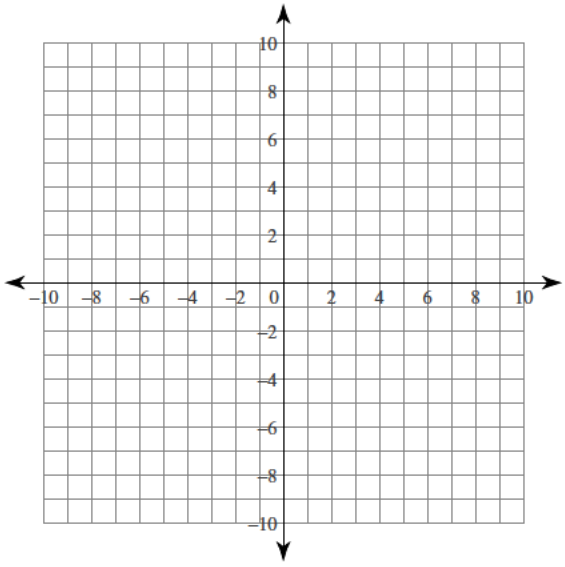
23) $y = \frac{11}{7}x + 8$

$y = -\frac{2}{7}x - 5$



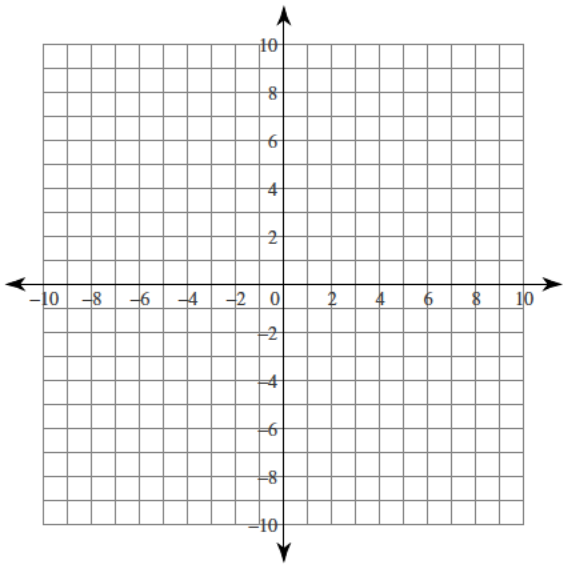
24) $y = -\frac{2}{3}x + 1$

$y = -2x - 3$



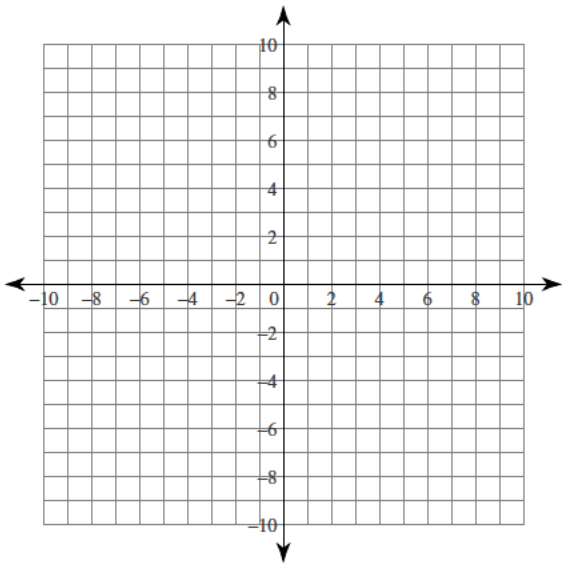
25) $y = -\frac{1}{3}x + 7$

$y = -\frac{17}{3}x - 9$



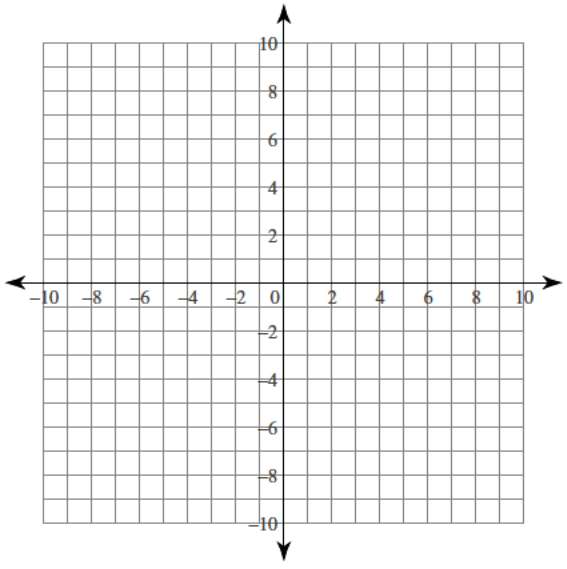
26) $y = -\frac{1}{2}x + 7$

$y = \frac{11}{2}x - 5$



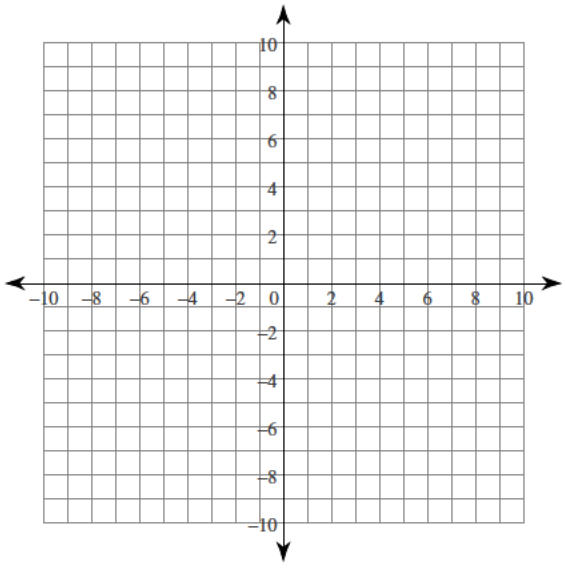
27) $x = -9$

$y = \frac{7}{9}x + 1$



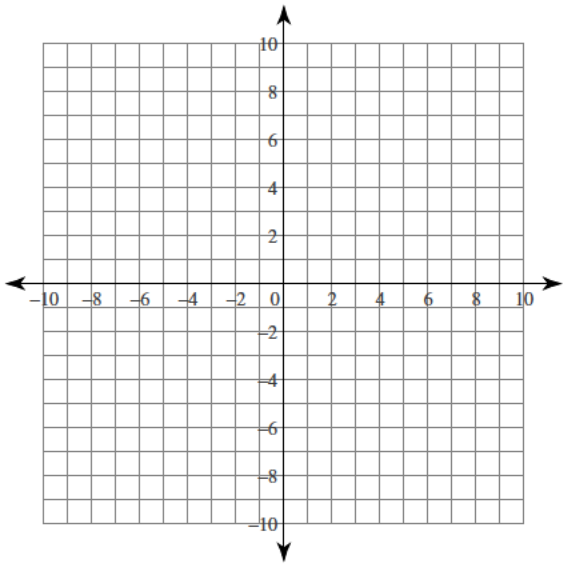
28) $y = \frac{5}{4}x + 7$

$y = -\frac{1}{4}x - 5$



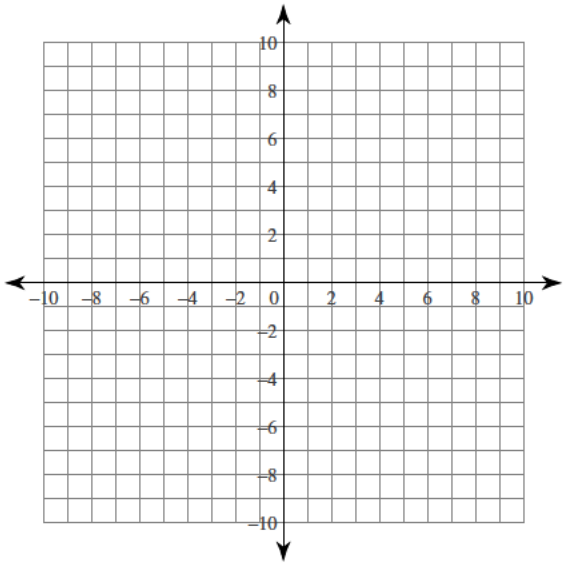
29) $y = 4x + 7$

$y = \frac{1}{2}x - 7$



30) $y = 12x - 7$

$y = -2x + 7$



Answers to Graphing systems of linear equations - slope/intercept

1) –7
2) –2
3) 4
4) 3
5) –6
6) 8
7) 2
8) 4
9) –2
10) 7
11) –6
12) 2
13) –8
14) –8
15) 3
16) 1
17) 7
18) 2
19) –7
20) –9
21) –3
22) 5
23) –7
24) –3
25) –3
26) 2
27) –9
28) –8
29) –4
30) 1