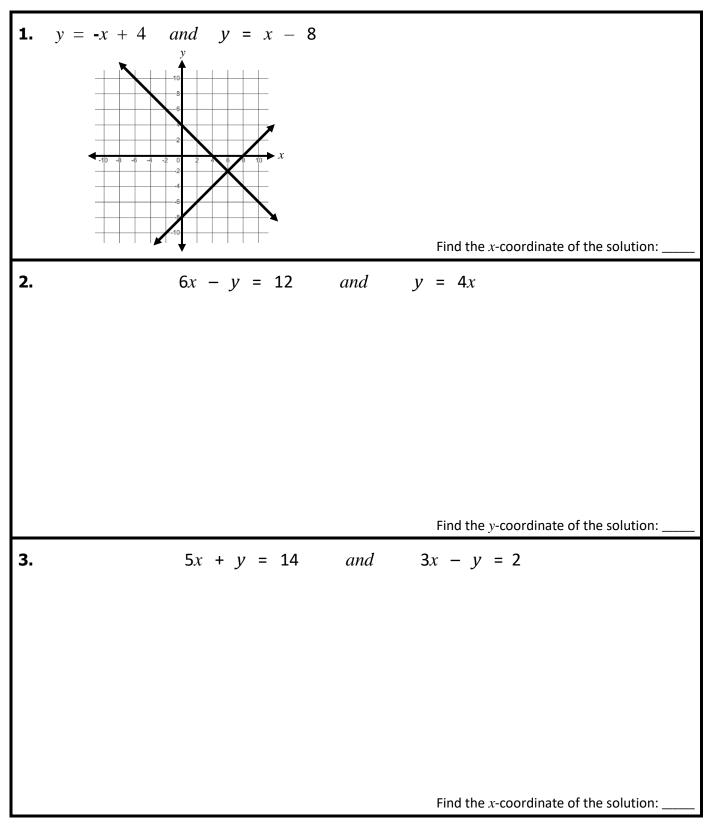
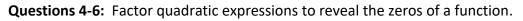
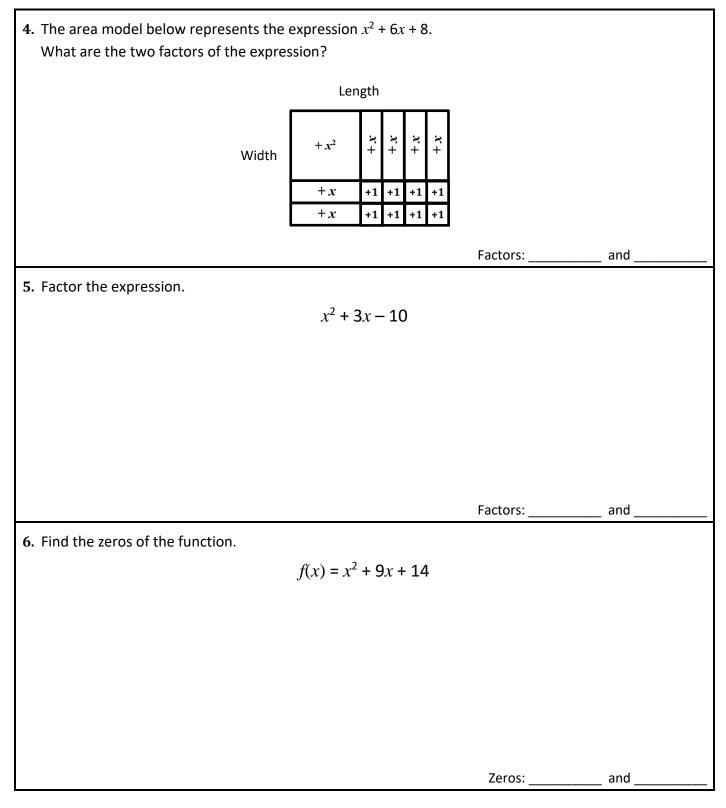
**Questions 1-3:** Solve systems of equations.





(Continued)







(Continued)

**Questions 7-9:** Evaluate the function.

<b>7.</b> Use the graph to find the value of <i>f</i>	<i>(</i> (0).	$f(\mathbf{x})$				
Circle your answer: -8 -7 -6 -5 -4 -1 0 1 2 3	-3 -2 4					
<b>8.</b> For the function $g(x) = x + 4$ ,		<b>9.</b> For the function $h(x) = x^2 + 1$ ,				
find the value of $g(-3)$ .		find the value of $h(3)$ .				
Answer:		Answer:				



(Continued)

**Questions 10-12:** Determine if a function is linear or non-linear.

10. Given the function of f(x) provided in the table, circle the answer choice that makes the statement true.	x	0	1	2	3	5			
	f(x)	-2	0	2	4	8			
"The function represented in the table is"									
<ul> <li>non-linear because the values of x and f(x) always change at a constant rate</li> <li>non-linear because the values of x and f(x) do not always change at a constant rate</li> <li>linear because the values of x and f(x) always change at a constant rate</li> <li>linear because the values of x and f(x) do not always change at a constant rate</li> </ul>									
<b>11.</b> Given the function of $g(x)$ provided in the table, circle the answer choice that makes the statement true.	x	0	1	2	3	5			
	g(x)	-2	0	2	4	6			
"The function represented in the table is"									
<ul> <li>non-linear because the values of x and g(x) always change at a constant rate</li> <li>non-linear because the values of x and g(x) do not always change at a constant rate</li> <li>linear because the values of x and g(x) always change at a constant rate</li> <li>linear because the values of x and g(x) do not always change at a constant rate</li> </ul>									
<b>12.</b> Circle all of the linear functions.									
$f(x) = x$ $g(x) = x^2 + 4$ $h(x) = 3x + 4$ $k(x) = 3^x + 4$									



(Continued)

