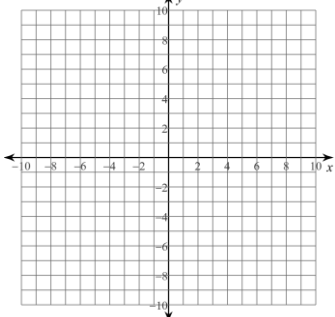
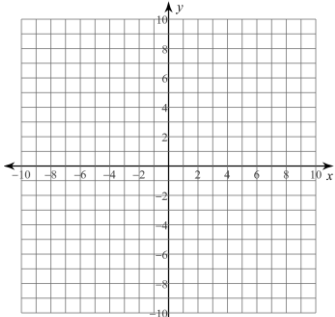
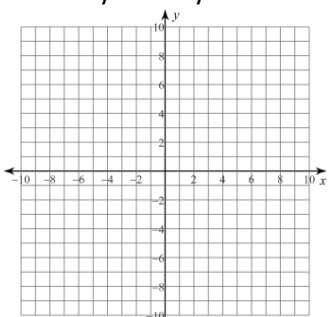
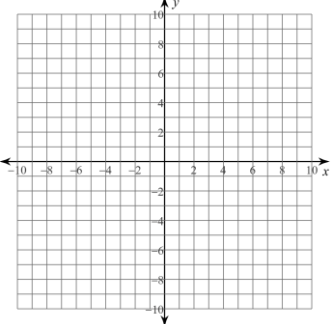
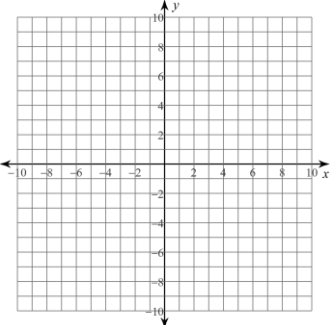
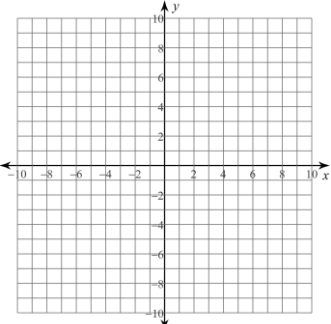


Solving Quadratic Equations

Name \_\_\_\_\_

<b>1a</b>	<b>1b</b>	<b>1c</b>
Solve by graphing.	Solve by factoring.	Solve by completing the square.
$x^2 + 6x + 8 = 0$	$x^2 + 6x + 8 = 0$	$x^2 + 6x + 8 = 0$
axis of symmetry: 		
Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$
<b>2a</b>	<b>2b</b>	<b>2c</b>
Solve by graphing.	Solve by factoring.	Solve by completing the square.
$x^2 + 10x + 21 = 0$	$x^2 + 10x + 21 = 0$	$x^2 + 10x + 21 = 0$
axis of symmetry: 		
Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$
<b>3a</b>	<b>3b</b>	<b>3c</b>
Solve by graphing.	Solve by factoring.	Solve by completing the square.
$x^2 - 8x + 7 = 0$	$x^2 - 8x + 7 = 0$	$x^2 - 8x + 7 = 0$
axis of symmetry: 		
Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$

4a	4b	4c
Solve by graphing. $x^2 + 4x - 5 = 0$	Solve by factoring. $x^2 + 4x - 5 = 0$	Solve by completing the square. $x^2 + 4x - 5 = 0$
axis of symmetry: 		
Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$
5a	5b	5c
Solve by graphing. $x^2 - 14x + 48 = 0$	Solve by factoring. $x^2 - 14x + 48 = 0$	Solve by completing the square. $x^2 - 14x + 48 = 0$
axis of symmetry: 		
Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$
6a	6b	6c
Solve by graphing. $x^2 - 8x + 12 = 0$	Solve by factoring. $x^2 - 8x + 12 = 0$	Solve by completing the square. $x^2 - 8x + 12 = 0$
axis of symmetry: 		
Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$	Solutions: $x = \underline{\quad}$ and $x = \underline{\quad}$