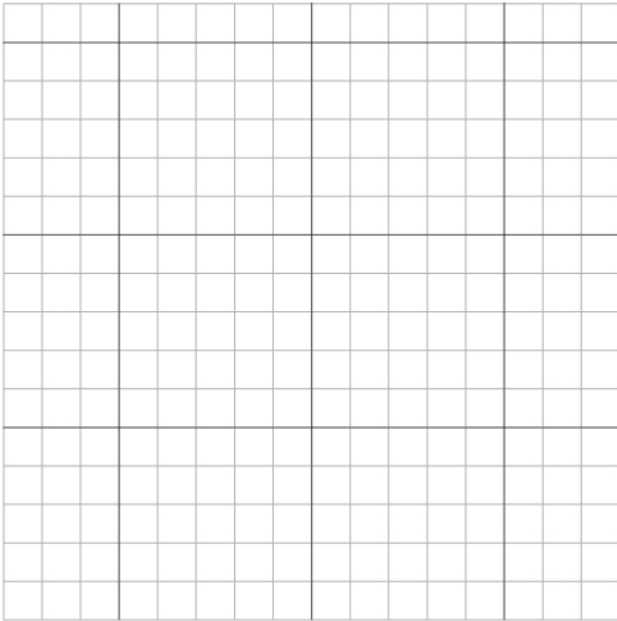


Solving Quadratic Equations by Graphing

Solve the given quadratic equations by graphing.

a) $x^2 + 6x + 8 = 0$

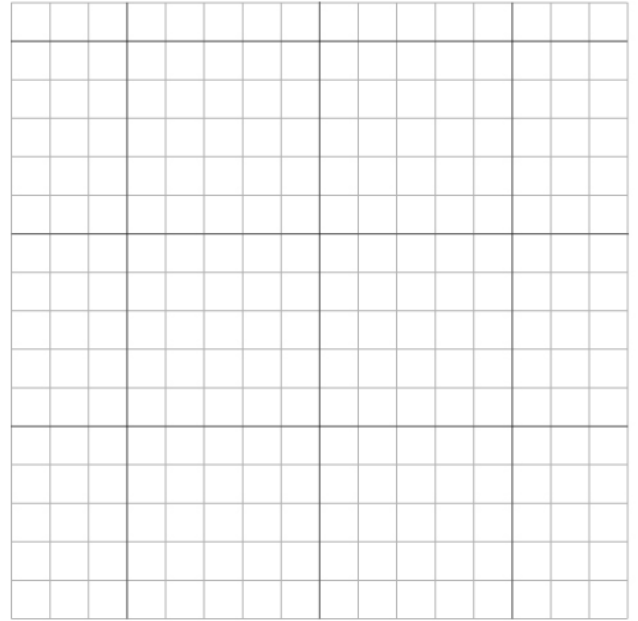
x					
y					



$x =$

b) $x^2 + 2x - 15 = 0$

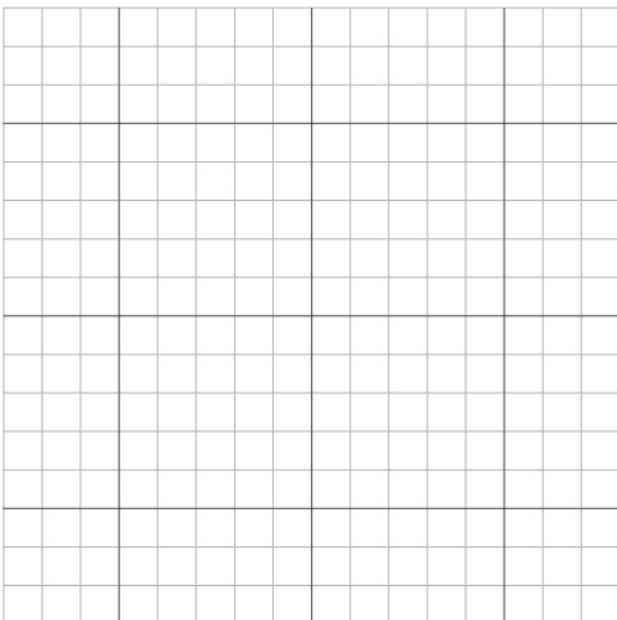
x					
y					



$x =$

c) $2x^2 + 8x + 6 = 0$

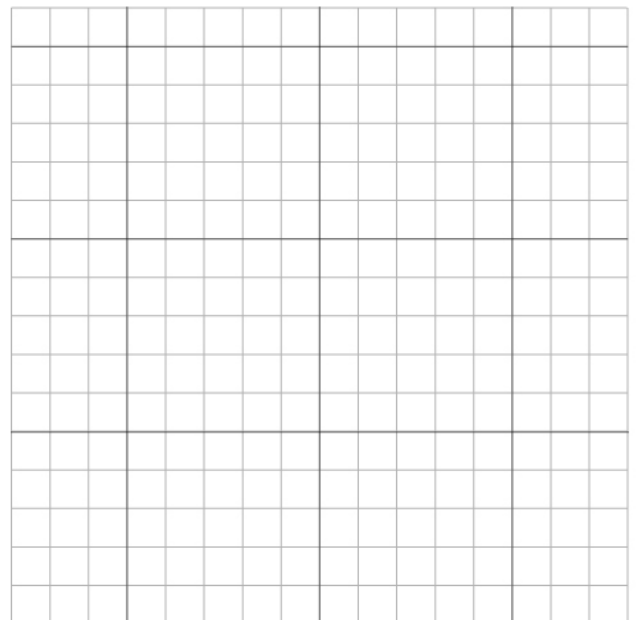
x					
y					



$x =$

d) $3x^2 + 5x - 2 = 0$

x					
y					



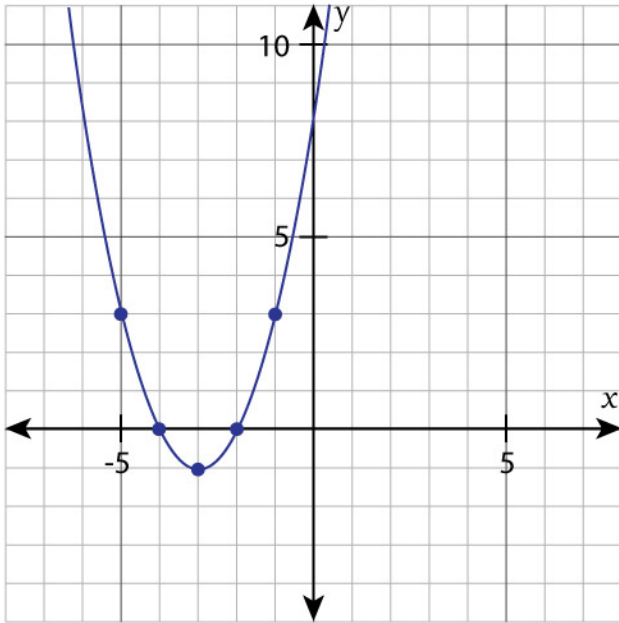
$x =$

Solving Quadratic Equations by Graphing

Answers

a) $x^2 + 6x + 8 = 0$

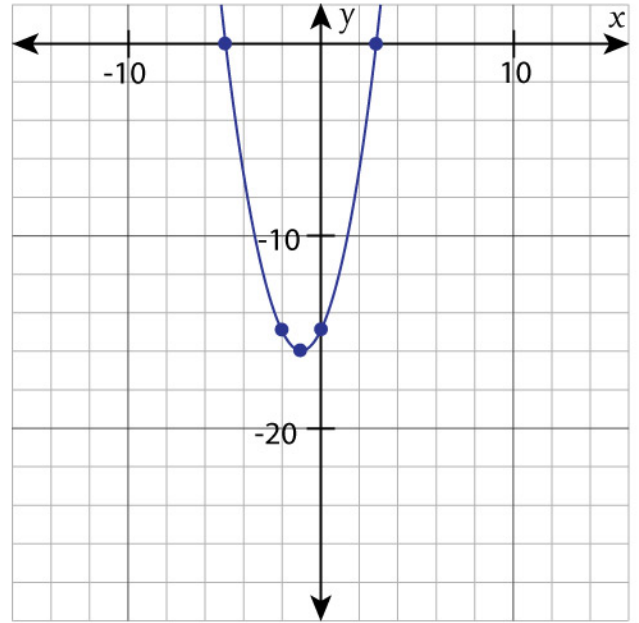
x	-5	-4	-3	-2	-1
y	3	0	-1	0	3



$x = -2, -4$

b) $x^2 + 2x - 15 = 0$

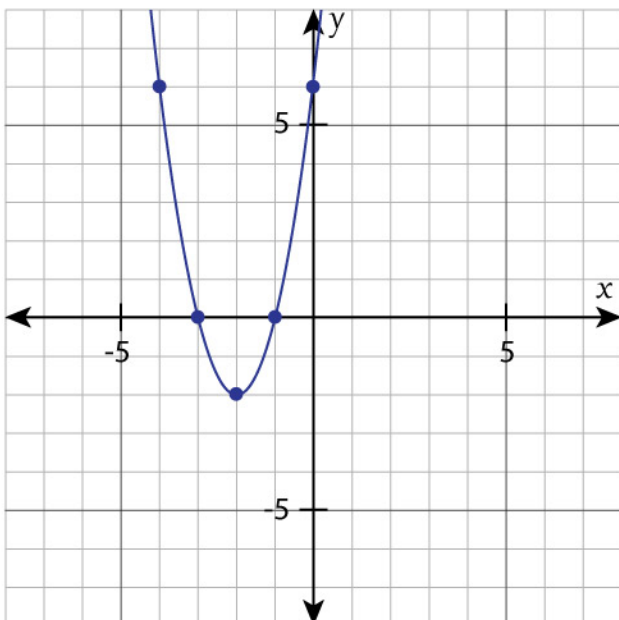
x	-5	-1	0	3	-2
y	0	-16	-15	0	-15



$x = -5, 3$

c) $2x^2 + 8x + 6 = 0$

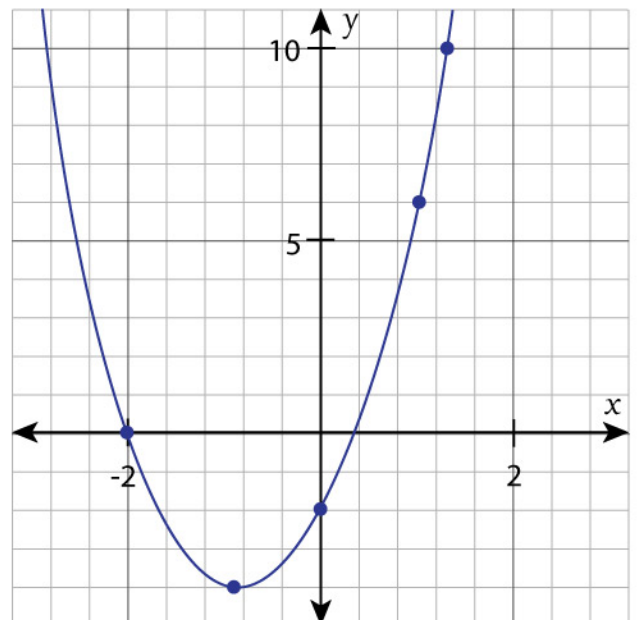
x	0	-1	-2	-3	-4
y	6	0	-2	0	6



$x = -1, -3$

d) $3x^2 + 5x - 2 = 0$

x	$\frac{4}{3}$	-2	-1	0	1
y	10	0	-4	-2	6



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