

PREVIEW

CLOSE

Quiz: Converting Quadratics to Standard Form

Question 1a of 14 (3 Converting Quadratic Equations to Standard Form 90880)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $x^2-10x+21=0$, $x^2-10x^1+21=0$, $1x^2-10x+21=0$, $1x^2-10x^1+21=0$
Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents. For example, enter x^2 as x^2 .

$$x^2 - 10x + 16 = -5$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 - 10x + 21 = 0$.

Question 1b of 14 (3 Converting Quadratic Equations to Standard Form 297559)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $x^2-10x+15=0$, $1x^2-10x+15=0$, $1x^2-10x^1+15=0$, $x^2-10x^1+15=0$
Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 - 10x + 10 = -5$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 - 10x + 15 = 0$.

Question 1c of 14 (3 Converting Quadratic Equations to Standard Form 297560)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $x^2-10x+25=0$, $x^2-10x^1+25=0$, $1x^2-10x+25=0$, $1x^2-10x^1+25=0$
Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 - 10x + 20 = -5$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 - 10x + 25 = 0$.

Question 2a of 14 (3 Converting Quadratic Equations to Standard Form 90881)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $x^2 - 4x - 21 = 0$, $x^2 - 4x^1 - 21 = 0$, $1x^2 - 4x - 21 = 0$, $1x^2 - 4x^1 - 21 = 0$

Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents. For example, enter x^2 as x^2 .

$$x^2 - 4x - 29 = -8$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 - 4x - 21 = 0$.

Question 2b of 14 (3 Converting Quadratic Equations to Standard Form 297561)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $x^2 - 4x - 30 = 0$, $x^2 - 4x^1 - 30 = 0$, $1x^2 - 4x - 30 = 0$, $1x^2 - 4x^1 - 30 = 0$

Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 - 4x - 38 = -8$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 - 4x - 30 = 0$.

Question 2c of 14 (3 Converting Quadratic Equations to Standard Form 297563)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $x^2 - 4x - 19 = 0$, $x^2 - 4x^1 - 19 = 0$, $1x^2 - 4x - 19 = 0$, $1x^2 - 4x^1 - 19 = 0$

Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 - 4x - 29 = -10$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $x^2 - 4x - 19 = 0$.

Question 3a of 14 (3 Converting Quadratic Equations to Standard Form 90882)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $x^2 - 7x - 8 = 0$, $x^2 - 7x^1 - 8 = 0$, $1x^2 - 7x - 8 = 0$, $1x^2 - 7x^1 - 8 = 0$
Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents. For example, enter x^2 as x^2 .

$$x^2 - 5x - 5 = 2x + 3$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $x^2 - 7x - 8 = 0$.

Question 3b of 14 (3 Converting Quadratic Equations to Standard Form 297564)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $x^2 - 8x - 7 = 0$, $x^2 - 8x^1 - 7 = 0$, $1x^2 - 8x - 7 = 0$, $1x^2 - 8x^1 - 7 = 0$
Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 - 5x - 5 = 3x + 2$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $x^2 - 8x - 7 = 0$.

Question 3c of 14 (3 Converting Quadratic Equations to Standard Form 297565)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $x^2-12x-9=0$, $x^2-12x^1-9=0$, $1x^2-12x-9=0$, $1x^2-12x^1-9=0$

Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 - 10x - 6 = 2x + 3$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 - 12x - 9 = 0$.

Question 4a of 14 (3 Converting Quadratic Equations to Standard Form 90883)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $x^2+8x+8=0$, $x^2+8x^1+8=0$, $1x^2+8x+8=0$, $1x^2+8x^1+8=0$

Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents. For example, enter x^2 as x^2 .

$$x^2 + 4x + 4x + 16 = 8$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 + 8x + 8 = 0$.

Question 4b of 14 (3 Converting Quadratic Equations to Standard Form 297566)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $x^2+10x+9=0$, $x^2+10x^1+9=0$, $1x^2+10x+9=0$, $1x^2+10x^1+9=0$

Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 + 5x + 5x + 18 = 9$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 + 10x + 9 = 0$.

Question 4c of 14 (3 Converting Quadratic Equations to Standard Form 297567)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $x^2+12x+12=0$, $x^2+12x^1+12=0$, $1x^2+12x+12=0$, $1x^2+12x^1+12=0$
Question: Enter the quadratic equation in standard form in the box below. Use the caret (^) to enter exponents; for example, enter x^2 as x^2 .

$$x^2 + 6x + 6x + 20 = 8$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^2 + 12x + 12 = 0$.

Question 5a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 90884)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 - 7x + 38 = 5x + 3$$

Correct Answers:

	Choice
*A.	5
*B.	7
C.	-7
D.	3
E.	-3
F.	-5

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: 5 and 7.

Question 5b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297568)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.
 $x^2 - 8x + 22 = 2x + 1$

Correct Answers:

	Choice
A.	5
*B.	7
C.	-7
*D.	3
E.	-3
F.	-5

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: 7 and 3.

Question 5c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297569)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.
 $x^2 - 2x + 12 = 5x + 2$

Correct Answers:

	Choice
A.	-5
B.	7
C.	-7
*D.	2
E.	-2
*F.	5

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: 2 and 5.

Question 6a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 90885)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?
Check all that apply.

$$x^2 + 16 = -10x$$

Correct Answers:

	Choice
A.	10
B.	-10
*C.	-8
*D.	-2
E.	8
F.	2

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: -8 and -2.

Question 6b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297570)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?
Check all that apply.

$$x^2 + 18 = -9x$$

Correct Answers:

	Choice
A.	9
B.	-9
C.	6
D.	3
*E.	-6
*F.	-3

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: -6 and -3.

Question 6c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297571)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 + 20 = -9x$$

Correct Answers:

	Choice
A.	5
*B.	-5
C.	-20
*D.	-4
E.	15
F.	4

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: -5 and -4.

Question 7a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 90886)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$6x^2 - 5x - 46 = 5x^2 - 10$$

Correct Answers:

	Choice
A.	-10
B.	-9
C.	10
*D.	9
*E.	-4
F.	4

Attempt	Incorrect Feedback
1st	

Preview

	Correct Feedback
	Global Incorrect Feedback
	The correct answers are: 9 and -4.

Question 7b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297572)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.
 $4x^2 - 6x - 56 = 3x^2 - 16$

Correct Answers:

	Choice
A.	-10
B.	-9
*C.	10
D.	9
*E.	-4
F.	4

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: 10 and -4.

Question 7c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297573)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.
 $6x^2 - 3x - 46 = 5x^2 - 6$

Correct Answers:

	Choice
*A.	-5
B.	-6
C.	6
*D.	8
E.	5
F.	-8

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answers are: -5 and 8.

Question 8a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 90887)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.
 $x^2 - 3x + 27 = 6x + 7$

Correct Answers:

	Choice
*A.	4
B.	-5
C.	-4
D.	3
E.	6
*F.	5

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answers are: 4 and 5.

Question 8b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297574)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.
 $x^2 - 2x + 49 = 11x + 7$

Correct Answers:

	Choice
A.	2
B.	11
*C.	7
D.	-6
E.	-7
*F.	6

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: 7 and 6.

Question 8c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297575)

Maximum Attempts:

1

Question Type:

Multiple Response

Maximum Score:

2

Question:

Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 - 6x + 40 = 6x + 5$$

Correct Answers:

	Choice
A.	-5
*B.	5
*C.	7
D.	-6
E.	-7
F.	6

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: 5 and 7.

Question 9a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 120993)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 + 4x + 4 = 6$$

Correct Answers:

	Choice
*A.	$x = -2 + \sqrt{6}$
B.	$x = 2$
C.	$x = 0$
*D.	$x = -2 - \sqrt{6}$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = -2 + \sqrt{6}$ and $x = -2 - \sqrt{6}$.

Question 9b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297576)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 + 8x + 8 = 2$$

Correct Answers:

	Choice
*A.	$x = -4 +$
B.	$x = 4$
C.	$x = 0$
*D.	$x = -4 -$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = -4 +$ and $x = -4 -$.

Question 9c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297577)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 + 6x + 9 = 6$$

Correct Answers:

	Choice
*A.	$x = -3 + \sqrt{3}$
B.	$x = 3$
*C.	$x = -3 - \sqrt{3}$
D.	$x = 0$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = -3 + \sqrt{3}$ and $x = -3 - \sqrt{3}$.

Question 10a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 120998)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$(x + 2)^2 = 10$$

Correct Answers:

	Choice
A.	$x = 5$
B.	$x = -5$
*C.	$x = -2 +$
*D.	$x = -2 -$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = -2 + \sqrt{4}$ and $x = -2 - \sqrt{4}$.

Question 10b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297578)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$(x + 5)^2 = 10$$

Correct Answers:

	Choice
*A.	$x = -5 + \sqrt{10}$
*B.	$x = -5 - \sqrt{10}$
C.	$x = 5$
D.	$x = -5$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = -5 + \sqrt{10}$ and $x = -5 - \sqrt{10}$.

Question 10c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297579)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$(x + 7)^2 = 10$$

Correct Answers:

	Choice
A.	$x = 7$
B.	$x = -7$
*C.	$x = -7 +$
*D.	$x = -7 -$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Global Incorrect Feedback
	The correct answers are: $x = -7 + \sqrt{5}$ and $x = -7 - \sqrt{5}$.

Question 11a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 121002)

Maximum Attempts: 1

Question Type: Multiple Response

Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 + 10x + 25 = 6$$

Correct Answers:

	Choice
A.	$x = -6 + \sqrt{5}$
B.	$x = -6 - \sqrt{5}$
*C.	$x = -5 + \sqrt{5}$
*D.	$x = -5 - \sqrt{5}$

	Attempt	Incorrect Feedback
	1st	
		Correct Feedback
		Global Incorrect Feedback
		The correct answers are: $x = -5 + \sqrt{5}$ and $x = -5 - \sqrt{5}$.

Question 11b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297580)

Maximum Attempts: 1

Question Type: Multiple Response

Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 + 12x + 36 = 5$$

Correct Answers:

	Choice
*A.	$x = -6 + \sqrt{5}$
*B.	$x = -6 - \sqrt{5}$
C.	$x = -5 + \sqrt{5}$
D.	$x = -5 - \sqrt{5}$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = -6 + \sqrt{5}$ and $x = -6 - \sqrt{5}$.

Question 11c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297581)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$x^2 + 8x + 16 = 5$$

Correct Answers:

	Choice
*A.	$x = -4 + \sqrt{5}$
B.	$x = -5 + \sqrt{4}$
*C.	$x = -4 - \sqrt{5}$
D.	$x = -5 -$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = -4 +$ and $x = -4 -$.

Question 12a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 135437)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$9x^2 + 6x + 1 = 8$$

Correct Answers:

	Choice
*A.	$x = \frac{-1 + \sqrt{5}}{3}$
*B.	$x = \frac{-1 - \sqrt{5}}{3}$
C.	$x = \frac{1 - \sqrt{5}}{3}$
D.	$x = \frac{1 + \sqrt{5}}{3}$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answers are: $x = \frac{-1 + \sqrt{5}}{3}$ and $x = \frac{-1 - \sqrt{5}}{3}$.

Question 12b of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297582)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2

Question: Which of the following are solutions to the equation below?

Check all that apply.

$$9x^2 - 6x + 1 = 8$$

Correct Answers:

	Choice
A.	$x =$
B.	$x =$
*C.	$x =$
*D.	$x =$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answers are: $x = \frac{1 - \sqrt{5}}{3}$ and $x = \frac{1 + \sqrt{5}}{2}$.

Question 12c of 14 (3 Converting Quadratic Equations to Standard Form and Solving 297583)

Maximum Attempts: 1
Question Type: Multiple Response
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$9x^2 - 6x + 1 = 8$$

Correct Answers:

	Choice
A.	$x = \frac{-1 + \sqrt{8}}{2}$
B.	$x = \frac{-1 - \sqrt{8}}{2}$
*C.	$x = \frac{1 - \sqrt{5}}{3}$
*D.	$x = \frac{1 + \sqrt{5}}{2}$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answers are: $x = \frac{1 - \sqrt{5}}{3}$ and $x = \frac{1 + \sqrt{5}}{2}$.

Question 13a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 121013)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which of the following are solutions to the equation below?

Check all that apply.

$$2x^2 + 5x + 8 = 5$$

	Choice	Feedback
A.	$x = 3$ and $x = -2$	
B.	$x = 6$ and $x = -1$	
*C.	$x = -3/2$ and $x = -1$	
D.	$x = 7$ and $x = -2$	

Global Incorrect FeedbackThe correct answer is: $x = -3/2$ and $x = -1$.**Question 13b of 14** (3 Converting Quadratic Equations to Standard Form and Solving 297584)**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which of the following are solutions to the equation below?*Check all that apply.*

$$2x^2 + 5x + 8 = 6$$

	Choice	Feedback
A.	$x = 3$ and $x = -2$	
*B.	$x = -1/2$ and $x = -2$	
C.	$x = 5$ and $x = -1$	
D.	$x = 7$ and $x = -2$	

Global Incorrect FeedbackThe correct answer is: $x = -1/2$ and $x = -2$.**Question 13c of 14** (3 Converting Quadratic Equations to Standard Form and Solving 297585)**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which of the following are solutions to the equation below?*Check all that apply.*

$$3x^2 + 7x + 8 = 6$$

	Choice	Feedback
*A.	$x = -1/3$ and $x = -2$	
B.	$x = 6$ and $x = -1$	
C.	$x = 3$ and $x = -2$	
D.	$x = 6$ and $x = -2$	

Global Incorrect FeedbackThe correct answer is: $x = -1/3$ and $x = -2$.

Question 14a of 14 (3 Converting Quadratic Equations to Standard Form and Solving 121023)**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which of the following are solutions to the equation below?*Check all that apply.*

$$12x^2 - 2x - 2 = 2$$

	Choice	Feedback
*A.	$x = 2/3$ and $x = -1/2$	
B.	$x = 7/3$ and $x = 3/2$	
C.	$x = 7/3$ and $x = -3/2$	
D.	$x = 7$ and $x = 3$	

Global Incorrect FeedbackThe correct answer is: $x = 2/3$ and $x = -1/2$.**Question 14b of 14** (3 Converting Quadratic Equations to Standard Form and Solving 297586)**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which of the following are solutions to the equation below?*Check all that apply.*

$$12x^2 - 5x - 1 = 1$$

	Choice	Feedback
A.	$x = 7/3$ and $x = 3/2$	
B.	$x = 7/3$ and $x = -5/2$	
*C.	$x = 2/3$ and $x = -1/4$	
D.	$x = 6$ and $x = 2$	

Global Incorrect FeedbackThe correct answer is: $x = 2/3$ and $x = -1/4$.**Question 14c of 14** (3 Converting Quadratic Equations to Standard Form and Solving 297587)**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which of the following are solutions to the equation below?*Check all that apply.*

$$8x^2 - 2x - 2 = 1$$

Preview

	Choice	Feedback
A.	$x = 7/3$ or $x = 3/2$	
B.	$x = 7$ or $x = 3$	
C.	$x = 7/3$ or $x = -3/2$	
*D.	$x = 3/4$ or $x = -1/2$	

Global Incorrect Feedback
The correct answer is: $x = 3/4$ or $x = -1/2$.
