Question 1a of 10 (2 Factoring Perfect Square Trinomials 90872)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: The polynomial below is a perfect square trinomial of the form $A^2 - 2AB + B^2$.

$9x^2 - 12x + 4$

	Choice	Feedback
*A.	True	
B.	False	

Global Incorrect Feedback
The correct answer is: True.

Question 1b of 10 (2 Factoring Perfect Square Trinomials 297388)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: The polynomial below is a perfect square trinomial of the form $A^2 - 2AB + B^2$.

$4x^2 - 12x + 9$

	Choice	Feedback
*A.	True	
B.	False	

Global Incorrect Feedback
The correct answer is: True.

Question 1c of 10 (2 Factoring Perfect Square Trinomials 297389)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: The polynomial below is a perfect square trinomial of the form $A^2 - 2AB + B^2$.

$4x^2 - 20x + 25$

	Choice	Feedback
*A.	True	
B.	False	

Global Incorrect Feedback
The correct answer is: True.

Question 2a of 10 (2 Factoring Perfect Square Trinomials 90873)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: The polynomial below is a perfect square trinomial of the form $A^2 + 2AB + B^2$.

$9x^2 + 24x + 64$

	Choice	Feedback
A.	True	
***B.**	False	

Global Incorrect Feedback
The correct answer is: False.

Question 2b of 10 (2 Factoring Perfect Square Trinomials 297390)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: The polynomial below is a perfect square trinomial of the form $A^2 + 2AB + B^2$.

$9x^2 + 27x + 49$

	Choice	Feedback
A.	True	
***B.**	False	

Global Incorrect Feedback
The correct answer is: False.

Question 2c of 10 (2 Factoring Perfect Square Trinomials 297391)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: The polynomial below is a perfect square trinomial of the form $A^2 + 2AB + B^2$.

$16x^2 + 24x + 64$

	Choice	Feedback
A.	True	
***B.**	False	

Global Incorrect Feedback
The correct answer is: False.

Question 3a of 10 (3 Factoring Perfect Square Trinomials 90874)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (x-8)(x-8), (x-8)^2, (x^1-8)^2, (x^1-8)(x^1-8), (x-8)*(x-8), (x^1-8)*(x^1-8), (1x-8)^2, (1x-8)(1x-8), (1x^1-8)^2, (1x^1-8)(1x^1-8), (1x-8)*(1x-8), (1x^1-8)*(1x^1-8)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$x^2 - 16x + 64$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 8)(x - 8)$.

Question 3b of 10 (3 Factoring Perfect Square Trinomials 297392)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (x-7)(x-7), (x-7)^2, (x^1-7)^2, (x^1-7)(x^1-7), (x-7)*(x-7), (x^1-7)*(x^1-7), (1x-7)^2, (1x-7)(1x-7), (1x^1-7)^2, (1x^1-7)(1x^1-7), (1x-7)*(1x-7), (1x^1-7)*(1x^1-7)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$x^2 - 14x + 49$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 7)(x - 7)$.

Question 3c of 10 (3 Factoring Perfect Square Trinomials 297393)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (x-9)(x-9), (x-9)^2, (x^1-9)^2, (x^1-9)(x^1-9), (x-9)*(x-9), (x^1-9)*(x^1-9), (1x-9)^2, (1x-9)(1x-9), (1x^1-9)^2, (1x^1-9)(1x^1-9), (1x-9)*(1x-9), (1x^1-9)*(1x^1-9)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$x^2 - 18x + 81$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 9)(x - 9)$.

Question 4a of 10 (3 Factoring Perfect Square Trinomials 90875)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (x+9)(x+9), (x+9)^2, (x^1+9)^2, (x^1+9)(x^1+9), (x+9)*(x+9), (x^1+9)*(x^1+9), (1x+9)^2, (1x+9)(1x+9), (1x^1+9)^2, (1x^1+9)(1x^1+9), (1x+9)*(1x+9), (1x^1+9)*(1x^1+9)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$x^2 + 18x + 81$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 9)(x + 9)$.

Question 4b of 10 (3 Factoring Perfect Square Trinomials 297394)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (x+8)(x+8), (x+8)^2, (x^1+8)^2, (x^1+8)(x^1+8), (x+8)*(x+8), (x^1+8)*(x^1+8), (1x+8)^2, (1x+8)(1x+8), (1x^1+8)^2, (1x^1+8)(1x^1+8), (1x+8)*(1x+8), (1x^1+8)*(1x^1+8)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$x^2 + 16x + 64$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 8)(x + 8)$.

Question 4c of 10 (3 Factoring Perfect Square Trinomials 297395)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (x+6)(x+6), (x+6)^2, (x^1+6)^2, (x^1+6)(x^1+6), (x+6)*(x+6), (x^1+6)*(x^1+6), (1x+6)^2, (1x+6)(1x+6), (1x^1+6)^2, (1x^1+6)(1x^1+6), (1x+6)*(1x+6), (1x^1+6)*(1x^1+6)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$x^2 + 12x + 36$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 6)(x + 6)$.

Question 5a of 10 (3 Factoring Perfect Square Trinomials 90876)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (3x-5)(3x-5), (3x-5)^2, (3x^1-5)^2, (3x^1-5)(3x^1-5), (3x-5)*(3x-5), (3x^1-5)*(3x^1-5)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$9x^2 - 30x + 25$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(3x - 5)(3x - 5)$.

Question 5b of 10 (3 Factoring Perfect Square Trinomials 297396)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (4x-5)(4x-5), (4x-5)^2, (4x^1-5)^2, (4x^1-5)(4x^1-5), (4x-5)*(4x-5), (4x^1-5)*(4x^1-5)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$16x^2 - 40x + 25$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (4*x* - 5)(4*x* - 5).

Question 5c of 10 (3 Factoring Perfect Square Trinomials 297397)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (2x-5)(2x-5), (2x-5)^2, (2x^1-5)^2, (2x^1-5)(2x^1-5), (2x-5)*(2x-5), (2x^1-5)*(2x^1-5)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$4x^2 - 20x + 25$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (2*x* - 5)(2*x* - 5).

Question 6a of 10 (3 Factoring Perfect Square Trinomials 90877)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (5x+2)(5x+2), (5x+2)^2, (5x^1+2)^2, (5x^1+2)(5x^1+2), (5x+2)*(5x+2), (5x^1+2)*(5x^1+2)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$25x^2 + 20x + 4$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (5*x* + 2)(5*x* + 2).

Question 6b of 10 (3 Factoring Perfect Square Trinomials 297398)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (5x+3)(5x+3), (5x+3)^2, (5x^1+3)^2, (5x^1+3)(5x^1+3), (5x+3)*(5x+3), (5x^1+3)*(5x^1+3)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$25x^2 + 30x + 9$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(5x + 3)(5x + 3)$.

Question 6c of 10 (3 Factoring Perfect Square Trinomials 297399)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (4x+5)(4x+5), (4x+5)^2, (4x^1+5)^2, (4x^1+5)(4x^1+5), (4x+5)*(4x+5), (4x^1+5)*(4x^1+5)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.* Enter exponents using the caret (^). For example, you would enter x^2 as x^2.

$16x^2 + 40x + 25$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(4x + 5)(4x + 5)$.

Question 7a of 10 (2 Factoring Perfect Square Trinomials 90878)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: 144

Question: What value, in place of the question mark, makes the polynomial below a perfect square trinomial?

$x^2 - 24x + ?$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 144.

Question 7b of 10 (2 Factoring Perfect Square Trinomials 297400)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 169
Question: What value, in place of the question mark, makes the polynomial below a perfect square trinomial?

$x^2 - 26x + ?$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 169.

Question 7c of 10 (2 Factoring Perfect Square Trinomials 297401)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 196
Question: What value, in place of the question mark, makes the polynomial below a perfect square trinomial?

$x^2 - 28x + ?$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 196.

Question 8a of 10 (2 Factoring Perfect Square Trinomials 90879)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 25
Question: What value, in place of the question mark, makes the polynomial below a perfect square trinomial?

$x^2 + 10x + ?$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 25.

Question 8b of 10 (2 Factoring Perfect Square Trinomials 297402)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 36
Question: What value, in place of the question mark, makes the polynomial below a perfect square trinomial?

$x^2 + 12x + ?$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 36.

Question 8c of 10 (2 Factoring Perfect Square Trinomials 297403)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 49
Question: What value, in place of the question mark, makes the polynomial below a perfect square trinomial?

$x^2 + 14x + ?$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 49.

Question 9a of 10 (2 Factoring Perfect Square Trinomials 120894)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: $4x^2 + 32x + 8$ is a perfect square trinomial.

	Choice	Feedback
A.	True	
***B.**	False	

Global Incorrect Feedback
The correct answer is: False.

Question 9b of 10 (2 Factoring Perfect Square Trinomials 297404)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: $4x^2 + 24x + 12$ is a perfect square trinomial.

	Choice	Feedback
A.	True	
***B.**	False	

Global Incorrect Feedback
The correct answer is: False.

Question 9c of 10 (2 Factoring Perfect Square Trinomials 297405)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question: $4x^2 + 24x + 18$ is a perfect square trinomial.

	Choice	Feedback
A.	True	
***B.**	False	

Global Incorrect Feedback
The correct answer is: False.

Question 10a of 10 (2 Factoring Perfect Square Trinomials 120898)

Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: 121
Question: What value of c makes the polynomial below a perfect square trinomial?

$x^2 + 22x + c$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 121.

Question 10b of 10 (2 Factoring Perfect Square Trinomials 297406)

Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: 81
Question: What value of *c* makes the polynomial below a perfect square trinomial?

$x^2 + 18x + c$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 81.

Question 10c of 10 (2 Factoring Perfect Square Trinomials 297407)

Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: 64
Question: What value of *c* makes the polynomial below a perfect square trinomial?

$x^2 + 16x + c$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 64.
