Alg

Quiz: Factoring a Difference of Squares

Question 1a of 15 (3 Factoring A Difference of Squares 90864)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+7)(x-7), (x-7)(x+7), (1x-7)(1x+7), (1x+7)(1x-7), (x-7)*(x+7), (x+7)*(x-7), (1x-7)*(1x+7), (1x+7)*(1x-7), (x^1-7)(x^1+7), (x^1+7)(x^1-7), (1x^1-7)(1x^1+7), (1x^1+7)(1x^1-7), (x^1-7)*(x^1+7), (x^1+7)*(x^1-7), (1x^1-7)*(1x^1+7), (1x^1+7)*(1x^1-7)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$x^2 - 49$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 1b of 15 (3 Factoring A Difference of Squares 297341)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+8)(x-8), (x-8)(x+8), (1x-8)(1x+8), (1x+8)(1x-8), (x-8)*(x+8), (x+8)*(x-8), (1x-8)*(1x+8), (1x+8)*(1x-8), (x^1-8)(x^1+8), (x^1+8)(x^1-8), (1x^1-8)(1x^1+8), (1x^1+8)(1x^1-8), (x^1-8)*(x^1+8), (x^1+8)*(x^1-8), (1x^1-8)*(1x^1+8), (1x^1+8)*(1x^1-8)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$x^2 - 64$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Alg

Question 1c of 15 (3 Factoring A Difference of Squares 297342)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+9)(x-9), (x-9)(x+9), (1x-9)(1x+9), (1x+9)(1x-9), (x-9)*(x+9), (x+9)*(x-9), (1x-9)*(1x+9), (1x+9)*(1x-9), (x^1-9)(x^1+9), (x^1+9)(x^1-9), (1x^1-9)(1x^1+9), (1x^1+9)(1x^1-9), (x^1-9)*(x^1+9), (x^1+9)*(x^1-9), (1x^1-9)*(1x^1+9), (1x^1+9)*(1x^1-9)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$x^2 - 81$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 2a of 15 (3 Factoring A Difference of Squares 90865)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+3)(x-3), (x-3)(x+3), (1x-3)(1x+3), (1x+3)(1x-3), (x-3)*(x+3), (x+3)*(x-3), (1x-3)*(1x+3), (1x+3)*(1x-3), (x^1-3)(x^1+3), (x^1+3)(x^1-3), (1x^1-3)(1x^1+3), (1x^1+3)(1x^1-3), (x^1-3)*(x^1+3), (x^1+3)*(x^1-3), (1x^1-3)*(1x^1+3), (1x^1+3)*(1x^1-3)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$x^2 - 9$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 2b of 15 (3 Factoring A Difference of Squares 297343)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+4)(x-4), (x-4)(x+4), (1x-4)(1x+4), (1x+4)(1x-4), (x-4)*(x+4), (x+4)*(x-4), (1x-4)*(1x+4), (1x+4)*(1x-4), (x^1-4)(x^1+4), (x^1+4)(x^1-4), (1x^1-4)(1x^1+4), (1x^1+4)(1x^1-4), (x^1-4)*(x^1+4), (x^1+4)*(x^1-4), (1x^1-4)*(1x^1+4), (1x^1+4)*(1x^1-4)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$x^2 - 16$$

Alg

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 2c of 15 (3 Factoring A Difference of Squares 297344)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+2)(x-2), (x-2)(x+2), (1x-2)(1x+2), (1x+2)(1x-2), (x-2)*(x+2), (x+2)*(x-2), (1x-2)*(1x+2), (1x+2)*(1x-2), (x^1-2)(x^1+2), (x^1+2)(x^1-2), (1x^1-2)(1x^1+2), (1x^1+2)(1x^1-2), (x^1-2)*(x^1+2), (x^1+2)*(x^1-2), (1x^1-2)*(1x^1+2), (1x^1+2)*(1x^1-2)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$x^2 - 4$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 2)(x - 2)$.

Question 3a of 15 (3 Factoring A Difference of Squares 90866)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(2x+1)(2x-1), (2x-1)(2x+1), (2x-1)*(2x+1), (2x+1)*(2x-1), (2x^1-1)(2x^1+1), (2x^1+1)(2x^1-1), (2x^1-1)*(2x^1+1), (2x^1+1)*(2x^1-1)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$4x^2 - 1$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(2x + 1)(2x - 1)$.

Alg

Question 3b of 15 (3 Factoring A Difference of Squares 297345)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(3x+1)(3x-1), (3x-1)(3x+1), (3x-1)*(3x+1), (3x+1)*(3x-1), (3x^1-1)(3x^1+1), (3x^1+1)(3x^1-1), (3x^1-1)*(3x^1+1), (3x^1+1)*(3x^1-1)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$9x^2 - 1$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(3x + 1)(3x - 1)$.

Question 3c of 15 (3 Factoring A Difference of Squares 297346)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(4x+1)(4x-1), (4x-1)(4x+1), (4x-1)*(4x+1), (4x+1)*(4x-1), (4x^1-1)(4x^1+1), (4x^1+1)(4x^1-1), (4x^1-1)*(4x^1+1), (4x^1+1)*(4x^1-1)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$16x^2 - 1$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(4x + 1)(4x - 1)$.

Alg

Question 4a of 15 (3 Factoring A Difference of Squares 90867)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false

Correct Answer: (9x+6)(9x-6), (9x-6)(9x+6), (9x-6)*(9x+6), (9x+6)*(9x-6), (9x^1-6)(9x^1+6), (9x^1+6)(9x^1-6), (9x^1-6)*(9x^1+6), (9x^1+6)*(9x^1-6), 9(3x-2)(3x+2), 9(3x+2)(3x-2), 9*(3x-2)*(3x+2), 9*(3x+2)*(3x-2), 9(3x^1-2)(3x^1+2), 9(3x^1+2)(3x^1-2), 9*(3x^1-2)*(3x^1+2), 9*(3x^1+2)*(3x^1-2), (9)(3x-2)(3x+2), (9)(3x+2)(3x-2), (9)*(3x-2)*(3x+2), (9)*(3x+2)*(3x-2), (9)(3x^1-2)(3x^1+2), (9)(3x^1+2)(3x^1-2), (9)*(3x^1-2)*(3x^1+2), (9)*(3x^1+2)*(3x^1-2), (3x-2)9(3x+2), (3x+2)9(3x-2), (3x-2)*9*(3x+2), (3x+2)*9*(3x-2), (3x^1-2)9(3x^1+2), (3x^1+2)9(3x^1-2), (3x^1-2)*9*(3x^1+2), (3x^1+2)*9*(3x^1-2), (3x-2)(9)(3x+2), (3x+2)(9)(3x-2), (3x-2)*(9)*(3x+2), (3x+2)*(9)*(3x-2), (3x^1-2)(9)(3x^1+2), (3x^1+2)(9)(3x^1-2), (3x^1-2)*(9)*(3x^1+2), (3x^1+2)*(9)*(3x^1-2), (3x-2)(3x+2)9, (3x+2)(3x-2)9, (3x-2)*(3x+2)*9, (3x+2)*(3x-2)*9, (3x^1-2)(3x^1+2)9, (3x^1+2)(3x^1-2)9, (3x^1-2)*(3x^1+2)*9, (3x^1+2)*(3x^1-2)*9, (3x-2)(3x+2)(9), (3x+2)(3x-2)(9), (3x-2)*(3x+2)*(9), (3x+2)*(3x-2)*(9), (3x^1-2)(3x^1+2)(9), (3x^1+2)(3x^1-2)(9), (3x^1-2)*(3x^1+2)*(9), (3x^1+2)*(3x^1-2)*(9)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$81x^2 - 36$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(9x + 6)(9x - 6)$.

Question 4b of 15 (3 Factoring A Difference of Squares 297347)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false

Correct Answer: (8x+6)(8x-6), (8x-6)(8x+6), (8x-6)*(8x+6), (8x+6)*(8x-6), (8x^1-6)(8x^1+6), (8x^1+6)(8x^1-6), (8x^1-6)*(8x^1+6), (8x^1+6)*(8x^1-6), 4(4x-3)(4x+3), 4(4x+3)(4x-3), 4*(4x-3)*(4x+3), 4*(4x+3)*(4x-3), 4(4x^1-3)(4x^1+3), 4(4x^1+3)(4x^1-3), 4*(4x^1-3)*(4x^1+3), 4*(4x^1+3)*(4x^1-3), (4)(4x-3)(4x+3), (4)(4x+3)(4x-3), (4)*(4x-3)*(4x+3), (4)*(4x+3)*(4x-3), (4)(4x^1-3)(4x^1+3), (4)(4x^1+3)(4x^1-3), (4)*(4x^1-3)*(4x^1+3), (4)*(4x^1+3)*(4x^1-3), (4x-3)4(4x+3), (4x+3)4(4x-3), (4x-3)*4*(4x+3), (4x+3)*4*(4x-3), (4x^1-3)4(4x^1+3), (4x^1+3)4(4x^1-3), (4x^1-3)*4*(4x^1+3), (4x^1+3)*4*(4x^1-3), (4x-3)(4)(4x+3), (4x+3)(4)(4x-3), (4x-3)*(4)*(4x+3), (4x+3)*(4)*(4x-3), (4x^1-3)(4)(4x^1+3), (4x^1+3)(4)(4x^1-3), (4x^1-3)*(4)*(4x^1+3), (4x^1+3)*(4)*(4x^1-3), (4x-3)(4x+3)4, (4x+3)(4x-3)4, (4x-3)*(4x+3)*4, (4x+3)*(4x-3)*4, (4x^1-3)(4x^1+3)4, (4x^1+3)(4x^1-3)4, (4x^1-3)*(4x^1+3)*4, (4x^1+3)*(4x^1-3)*4, (4x-3)(4x+3)(4), (4x+3)(4x-3)(4), (4x-3)*(4x+3)*(4), (4x+3)*(4x-3)*(4), (4x^1-3)(4x^1+3)(4), (4x^1+3)(4x^1-3)(4), (4x^1-3)*(4x^1+3)*(4), (4x^1+3)*(4x^1-3)*(4)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$64x^2 - 36$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

Alg

	Global Incorrect Feedback
	The correct answer is: (8*x* + 6)(8*x* - 6).

Question 4c of 15 (3 Factoring A Difference of Squares 297348)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(12x+6)(12x-6), (12x-6)(12x+6), (12x-6)*(12x+6), (12x+6)*(12x-6), (12x^1-6)(12x^1+6), (12x^1+6)(12x^1-6), (12x^1-6)*(12x^1+6), (12x^1+6)*(12x^1-6), 9(4x-2)(4x+2), 9(4x+2)(4x-2), 9*(4x-2)*(4x+2), 9*(4x+2)*(4x-2), 9(4x^1-2)(4x^1+2), 9(4x^1+2)(4x^1-2), 9*(4x^1-2)*(4x^1+2), 9*(4x^1+2)*(4x^1-2), (9)(4x-2)(4x+2), (9)(4x+2)(4x-2), (9)*(4x-2)*(4x+2), (9)*(4x+2)*(4x-2), (9)(4x^1-2)(4x^1+2), (9)(4x^1+2)(4x^1-2), (9)*(4x^1-2)*(4x^1+2), (9)*(4x^1+2)*(4x^1-2), (4x-2)9(4x+2), (4x+2)9(4x-2), (4x-2)*9*(4x+2), (4x+2)*9*(4x-2), (4x^1-2)9(4x^1+2), (4x^1+2)9(4x^1-2), (4x^1-2)*9*(4x^1+2), (4x^1+2)*9*(4x^1-2), (4x-2)(9)(4x+2), (4x+2)(9)(4x-2), (4x-2)*(9)*(4x+2), (4x+2)*(9)*(4x-2), (4x^1-2)(9)(4x^1+2), (4x^1+2)(9)(4x^1-2), (4x^1-2)*(9)*(4x^1+2), (4x^1+2)*(9)*(4x^1-2), (4x-2)(4x+2)9, (4x+2)(4x-2)9, (4x-2)*(4x+2)*9, (4x+2)*(4x-2)*9, (4x^1-2)(4x^1+2)9, (4x^1+2)(4x^1-2)9, (4x^1-2)*(4x^1+2)*9, (4x^1+2)*(4x^1-2)*9, (4x-2)(4x+2)(9), (4x+2)(4x-2)(9), (4x-2)*(4x+2)*(9), (4x+2)*(4x-2)*(9), (4x^1-2)(4x^1+2)(9), (4x^1+2)(4x^1-2)(9), (4x^1-2)*(4x^1+2)*(9), (4x^1+2)*(4x^1-2)*(9)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$144x^2 - 36$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (12*x* + 6)(12*x* - 6).

Question 5a of 15 (3 Factoring A Difference of Squares 90868)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(8A+B)(8A-B), (8A-B)(8A+B), (8A-B)*(8A+B), (8A+B)*(8A-B), (-B+8A)(B+8A), (B+8A)(-B+8A), (-B+8A)*(B+8A), (B+8A)*(-B+8A)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$64A^2 - B^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (8*A* + *B*)(8*A* - *B*).

Alg

Question 5b of 15 (3 Factoring A Difference of Squares 297349)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(7A+B)(7A-B), (7A-B)(7A+B), (7A-B)*(7A+B), (7A+B)*(7A-B), (-B+7A)(B+7A), (B+7A)(-B+7A), (-B+7A)*(B+7A), (B+7A)*(-B+7A)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$49A^2 - B^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(7A + B)(7A - B)$.

Question 5c of 15 (3 Factoring A Difference of Squares 297350)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(9A+B)(9A-B), (9A-B)(9A+B), (9A-B)*(9A+B), (9A+B)*(9A-B), (-B+9A)(B+9A), (B+9A)(-B+9A), (-B+9A)*(B+9A), (B+9A)*(-B+9A)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$81A^2 - B^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(9A + B)(9A - B)$.

Question 6a of 15 (3 Factoring A Difference of Squares 90869)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(6A+5B)(6A-5B), (6A-5B)(6A+5B), (6A-5B)*(6A+5B), (6A+5B)*(6A-5B), (-5B+6A)(5B+6A), (5B+6A)(-5B+6A), (-5B+6A)*(5B+6A), (5B+6A)*(-5B+6A)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$36A^2 - 25B^2$$

Attempt	Incorrect Feedback
1st	

Alg

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (6*A* + 5*B*)(6*A* - 5*B*).

Question 6b of 15 (3 Factoring A Difference of Squares 297351)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(7A-5B)(7A+5B), (7A+5B)(7A-5B), (7A-5B)*(7A+5B), (7A+5B)*(7A-5B), (-5B+7A)(5B+7A), (5B+7A)(-5B+7A), (-5B+7A)*(5B+7A), (5B+7A)*(-5B+7A)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$49A^2 - 25B^2$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (7*A* + 5*B*)(7 - *5B).*

Question 6c of 15 (3 Factoring A Difference of Squares 297352)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(6A+7B)(6A-7B), (6A-7B)(6A+7B), (6A-7B)*(6A+7B), (6A+7B)*(6A-7B), (-7B+6A)(7B+6A), (7B+6A)(-7B+6A), (-7B+6A)*(7B+6A), (7B+6A)*(-7B+6A)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$36A^2 - 49B^2$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (6*A* + 7*B*)(6*A* - 7*B*).

Alg

Question 7a of 15 (3 Factoring A Difference of Squares 90870)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(3x+yz)(3x-yz), (3x-yz)(3x+yz), (3x-yz)*(3x+yz), (3x+yz)*(3x-yz), (-yz+3x)(yz+3x), (yz+3x)(-yz+3x), (-yz+3x)*(yz+3x), (yz+3x)*(-yz+3x), (3x-zy)(3x+zy), (3x+zy)(3x-zy), (3x-zy)*(3x+zy), (3x+zy)*(3x-zy), (-zy+3x)(zy+3x), (zy+3x)(-zy+3x), (-zy+3x)*(zy+3x), (zy+3x)*(-zy+3x)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$9x^2 - y^2z^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 7b of 15 (3 Factoring A Difference of Squares 297353)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(4x+yz)(4x-yz), (4x-yz)(4x+yz), (4x-yz)*(4x+yz), (4x+yz)*(4x-yz), (-yz+4x)(yz+4x), (yz+4x)(-yz+4x), (-yz+4x)*(yz+4x), (yz+4x)*(-yz+4x), (4x-zy)(4x+zy), (4x+zy)(4x-zy), (4x-zy)*(4x+zy), (4x+zy)*(4x-zy), (-zy+4x)(zy+4x), (zy+4x)(-zy+4x), (-zy+4x)*(zy+4x), (zy+4x)*(-zy+4x)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$16x^2 - y^2z^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 7c of 15 (3 Factoring A Difference of Squares 297354)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(2x+yz)(2x-yz), (2x-yz)(2x+yz), (2x-yz)*(2x+yz), (2x+yz)*(2x-yz), (-yz+2x)(yz+2x), (yz+2x)(-yz+2x), (-yz+2x)*(yz+2x), (yz+2x)*(-yz+2x), (2x-zy)(2x+zy), (2x+zy)(2x-zy), (2x-zy)*(2x+zy), (2x+zy)*(2x-zy), (-zy+2x)(zy+2x), (zy+2x)(-zy+2x), (-zy+2x)*(zy+2x), (zy+2x)*(-zy+2x)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$4x^2 - y^2z^2$$

Alg

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8a of 15 (3 Factoring A Difference of Squares 90871)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(8wx+6yz)(8wx-6yz), (8wx-6yz)(8wx+6yz), (8wx-6yz)*(8wx+6yz), (8wx+6yz)*(8wx-6yz), (-6yz+8wx)(6yz+8wx), (6yz+8wx)(-6yz+8wx), (-6yz+8wx)*(6yz+8wx), (6yz+8wx)*(-6yz+8wx), 4(4wx-3yz)(4wx+3yz), 4(4wx+3yz)(4wx-3yz), 4*(4wx-3yz)*(4wx+3yz), 4*(4wx+3yz)*(4wx-3yz), 4(-3yz+4wx)(3yz+4wx), 4(3yz+4wx)(-3yz+4wx), 4*(-3yz+4wx)*(3yz+4wx), 4*(3yz+4wx)*(-3yz+4wx), (4)(4wx-3yz)(4wx+3yz), (4)(4wx+3yz)(4wx-3yz), (4)*(4wx-3yz)*(4wx+3yz), (4)*(4wx+3yz)*(4wx-3yz), (4)(-3yz+4wx)(3yz+4wx), (4)(3yz+4wx)(-3yz+4wx), (4)*(-3yz+4wx)*(3yz+4wx), (4)*(3yz+4wx)*(-3yz+4wx), (4wx-3yz)4(4wx+3yz), (4wx+3yz)4(4wx-3yz), (4wx-3yz)*4*(4wx+3yz), (4wx+3yz)*4*(4wx-3yz), (-3yz+4wx)4(3yz+4wx), (3yz+4wx)4(-3yz+4wx), (-3yz+4wx)*4*(3yz+4wx), (3yz+4wx)*4*(-3yz+4wx), (4wx-3yz)(4)(4wx+3yz), (4wx+3yz)(4)(4wx-3yz), (4wx-3yz)*(4)*(4wx+3yz), (4wx+3yz)*(4)*(4wx-3yz), (-3yz+4wx)(4)(3yz+4wx), (3yz+4wx)(4)(-3yz+4wx), (-3yz+4wx)*(4)*(3yz+4wx), (3yz+4wx)*(4)*(-3yz+4wx), (4wx-3yz)(4wx+3yz)4, (4wx+3yz)(4wx-3yz)4, (4wx-3yz)*(4wx+3yz)*4, (4wx+3yz)*(4wx-3yz)*4, (-3yz+4wx)(3yz+4wx)4, (3yz+4wx)(-3yz+4wx)4, (-3yz+4wx)*(3yz+4wx)*4, (3yz+4wx)*(-3yz+4wx)*4, (4wx-3yz)(4wx+3yz)(4), (4wx+3yz)(4wx-3yz)(4), (4wx-3yz)*(4wx+3yz)*(4), (4wx+3yz)*(4wx-3yz)*(4), (-3yz+4wx)(3yz+4wx)(4), (3yz+4wx)(-3yz+4wx)(4), (-3yz+4wx)*(3yz+4wx)*(4), (3yz+4wx)*(-3yz+4wx)*(4), (8xw-6yz)(8xw+6yz), (8xw+6yz)(8xw-6yz), (8xw-6yz)*(8xw+6yz), (8xw+6yz)*(8xw-6yz), (-6yz+8xw)(6yz+8xw), (6yz+8xw)(-6yz+8xw), (-6yz+8xw)*(6yz+8xw), (6yz+8xw)*(-6yz+8xw), 4(4xw-3yz)(4xw+3yz), 4(4xw+3yz)(4xw-3yz), 4*(4xw-3yz)*(4xw+3yz), 4*(4xw+3yz)*(4xw-3yz), 4(-3yz+4xw)(3yz+4xw), 4(3yz+4xw)(-3yz+4xw), 4*(-3yz+4xw)*(3yz+4xw), 4*(3yz+4xw)*(-3yz+4xw), (4)(4xw-3yz)(4xw+3yz), (4)(4xw+3yz)(4xw-3yz), (4)*(4xw-3yz)*(4xw+3yz), (4)*(4xw+3yz)*(4xw-3yz), (4)(-3yz+4xw)(3yz+4xw), (4)(3yz+4xw)(-3yz+4xw), (4)*(-3yz+4xw)*(3yz+4xw), (4)*(3yz+4xw)*(-3yz+4xw), (4xw-3yz)4(4xw+3yz), (4xw+3yz)4(4xw-3yz), (4xw-3yz)*4*(4xw+3yz), (4xw+3yz)*4*(4xw-3yz), (-3yz+4xw)4(3yz+4xw), (3yz+4xw)4(-3yz+4xw), (-3yz+4xw)*4*(3yz+4xw), (3yz+4xw)*4*(-3yz+4xw), (4xw-3yz)(4)(4xw+3yz), (4xw+3yz)(4)(4xw-3yz), (4xw-3yz)*(4)*(4xw+3yz), (4xw+3yz)*(4)*(4xw-3yz), (-3yz+4xw)(4)(3yz+4xw), (3yz+4xw)(4)(-3yz+4xw), (-3yz+4xw)*(4)*(3yz+4xw), (3yz+4xw)*(4)*(-3yz+4xw), (4xw-3yz)(4xw+3yz)4, (4xw+3yz)(4xw-3yz)4, (4xw-3yz)*(4xw+3yz)*4, (4xw+3yz)*(4xw-3yz)*4, (-3yz+4xw)(3yz+4xw)4, (3yz+4xw)(-3yz+4xw)4, (-3yz+4xw)*(3yz+4xw)*4, (3yz+4xw)*(-3yz+4xw)*4, (4xw-3yz)(4xw+3yz)(4), (4xw+3yz)(4xw-3yz)(4), (4xw-3yz)*(4xw+3yz)*(4), (4xw+3yz)*(4xw-3yz)*(4), (-3yz+4xw)(3yz+4xw)(4), (3yz+4xw)(-3yz+4xw)(4), (-3yz+4xw)*(3yz+4xw)*(4), (3yz+4xw)*(-3yz+4xw)*(4), (8wx-6zy)(8wx+6zy), (8wx+6zy)(8wx-6zy), (8wx-6zy)*(8wx+6zy), (8wx+6zy)*(8wx-6zy), (-6zy+8wx)(6zy+8wx), (6zy+8wx)(-6zy+8wx), (-6zy+8wx)*(6zy+8wx), (6zy+8wx)*(-6zy+8wx), 4(4wx-3zy)(4wx+3zy), 4(4wx+3zy)(4wx-3zy), 4*(4wx-3zy)*(4wx+3zy), 4*(4wx+3zy)*(4wx-3zy), 4(-3zy+4wx)(3zy+4wx), 4(3zy+4wx)(-3zy+4wx), 4*(-3zy+4wx)*(3zy+4wx), 4*(3zy+4wx)*(-3zy+4wx), (4)(4wx-3zy)(4wx+3zy), (4)(4wx+3zy)(4wx-3zy), (4)*(4wx-3zy)*(4wx+3zy), (4)*(4wx+3zy)*(4wx-3zy), (4)(-3zy+4wx)(3zy+4wx), (4)(3zy+4wx)(-3zy+4wx), (4)*(-3zy+4wx)*(3zy+4wx), (4)*(3zy+4wx)*(-3zy+4wx), (4wx-3zy)4(4wx+3zy), (4wx+3zy)4(4wx-3zy), (4wx-3zy)*4*(4wx+3zy), (4wx+3zy)*4*(4wx-3zy), (-3zy+4wx)4(3zy+4wx), (3zy+4wx)4(-3zy+4wx), (-3zy+4wx)*4*(3zy+4wx), (3zy+4wx)*4*(-3zy+4wx), (4wx-3zy)(4)(4wx+3zy), (4wx+3zy)(4)(4wx-3zy), (4wx-3zy)*(4)*(4wx+3zy), (4wx+3zy)*(4)*(4wx-3zy), (-3zy+4wx)(4)(3zy+4wx), (3zy+4wx)(4)(-3zy+4wx), (-3zy+4wx)*(4)*(3zy+4wx), (3zy+4wx)*(4)*(-3zy+4wx), (4wx-3zy)(4wx+3zy)4, (4wx+3zy)(4wx-3zy)4, (4wx-3zy)*(4wx+3zy)*4, (4wx+3zy)*(4wx-3zy)*4, (-3zy+4wx)(3zy+4wx)4, (3zy+4wx)(-3zy+4wx)4, (-3zy+4wx)*(3zy+4wx)*4, (3zy+4wx)*(-3zy+4wx)*4, (4wx-3zy)(4wx+3zy)(4), (4wx+3zy)(4wx-3zy)(4),

Alg

(4wx-3zy)*(4wx+3zy)*(4), (4wx+3zy)*(4wx-3zy)*(4), (-3zy+4wx)(3zy+4wx)(4), (3zy+4wx)(-3zy+4wx)(4), (-3zy+4wx)*(3zy+4wx)*(4), (3zy+4wx)*(-3zy+4wx)*(4), (8xw-6zy)(8xw+6zy), (8xw+6zy)(8xw-6zy), (8xw-6zy)*(8xw+6zy), (8xw+6zy)*(8xw-6zy), (-6zy+8xw)(6zy+8xw), (6zy+8xw)(-6zy+8xw), (-6zy+8xw)*(6zy+8xw), (6zy+8xw)*(-6zy+8xw), 4(4xw-3zy)(4xw+3zy), 4(4xw+3zy)(4xw-3zy), 4*(4xw-3zy)*(4xw+3zy), 4*(4xw+3zy)*(4xw-3zy), 4(-3zy+4xw)(3zy+4xw), 4(3zy+4xw)(-3zy+4xw), 4*(-3zy+4xw)*(3zy+4xw), 4*(3zy+4xw)*(-3zy+4xw), (4)(4xw-3zy)(4xw+3zy), (4)(4xw+3zy)(4xw-3zy), (4)*(4xw-3zy)*(4xw+3zy), (4)*(4xw+3zy)*(4xw-3zy), (4)(-3zy+4xw)(3zy+4xw), (4)(3zy+4xw)(-3zy+4xw), (4)*(-3zy+4xw)*(3zy+4xw), (4)*(3zy+4xw)*(-3zy+4xw), (4xw-3zy)4(4xw+3zy), (4xw+3zy)4(4xw-3zy), (4xw-3zy)*4*(4xw+3zy), (4xw+3zy)*4*(4xw-3zy), (-3zy+4xw)4(3zy+4xw), (3zy+4xw)4(-3zy+4xw), (-3zy+4xw)*4*(3zy+4xw), (3zy+4xw)*4*(-3zy+4xw), (4xw-3zy)(4)(4xw+3zy), (4xw+3zy)(4)(4xw-3zy), (4xw-3zy)*(4)*(4xw+3zy), (4xw+3zy)*(4)*(4xw-3zy), (-3zy+4xw)(4)(3zy+4xw), (3zy+4xw)(4)(-3zy+4xw), (-3zy+4xw)*(4)*(3zy+4xw), (3zy+4xw)*(4)*(-3zy+4xw), (4xw-3zy)(4xw+3zy)4, (4xw+3zy)(4xw-3zy)4, (4xw-3zy)*(4xw+3zy)*4, (4xw+3zy)*(4xw-3zy)*4, (-3zy+4xw)(3zy+4xw)4, (3zy+4xw)(-3zy+4xw)4, (-3zy+4xw)*(3zy+4xw)*4, (3zy+4xw)*(-3zy+4xw)*4, (4xw-3zy)(4xw+3zy)(4), (4xw+3zy)(4xw-3zy)(4), (4xw-3zy)*(4xw+3zy)*(4), (4xw+3zy)*(4xw-3zy)*(4), (-3zy+4xw)(3zy+4xw)(4), (3zy+4xw)(-3zy+4xw)(4), (-3zy+4xw)*(3zy+4xw)*(4), (3zy+4xw)*(-3zy+4xw)*(4)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$64w^2x^2 - 36y^2z^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(8wx + 6yz)(8wx - 6yz)$.

Question 8b of 15 (3 Factoring A Difference of Squares 297355)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false

(10wx+6yz)(10wx-6yz), (10wx-6yz)(10wx+6yz), (10wx-6yz)*(10wx+6yz), (10wx+6yz)*(10wx-6yz), (-6yz+10wx)(6yz+10wx), (6yz+10wx)(-6yz+10wx), (-6yz+10wx)*(6yz+10wx), (6yz+10wx)*(-6yz+10wx), 4(5wx-3yz)(5wx+3yz), 4(5wx+3yz)(5wx-3yz), 4*(5wx-3yz)*(5wx+3yz), 4*(5wx+3yz)*(5wx-3yz), 4(-3yz+5wx)(3yz+5wx), 4(3yz+5wx)(-3yz+5wx), 4*(-3yz+5wx)*(3yz+5wx), 4*(3yz+5wx)*(-3yz+5wx), (4)(5wx-3yz)(5wx+3yz), (4)(5wx+3yz)(5wx-3yz), (4)*(5wx-3yz)*(5wx+3yz), (4)*(5wx+3yz)*(5wx-3yz), (4)(-3yz+5wx)(3yz+5wx), (4)(3yz+5wx)(-3yz+5wx), (4)*(-3yz+5wx)*(3yz+5wx), (4)*(3yz+5wx)*(-3yz+5wx), (5wx-3yz)4(5wx+3yz), (5wx+3yz)4(5wx-3yz), (5wx-3yz)*4*(5wx+3yz), (5wx+3yz)*4*(5wx-3yz), (-3yz+5wx)4(3yz+5wx), (3yz+5wx)4(-3yz+5wx), (-3yz+5wx)*4*(3yz+5wx), (3yz+5wx)*4*(-3yz+5wx), (5wx-3yz)(4)(5wx+3yz), (5wx+3yz)(4)(5wx-3yz), (5wx-3yz)*(4)*(5wx+3yz), (5wx+3yz)*(4)*(5wx-3yz), (-3yz+5wx)(4)(3yz+5wx), (3yz+5wx)(4)(-3yz+5wx), (-3yz+5wx)*(4)*(3yz+5wx), (3yz+5wx)*(4)*(-3yz+5wx), (5wx-3yz)(5wx+3yz)4, (5wx+3yz)(5wx-3yz)4, (5wx-3yz)*(5wx+3yz)*4, (5wx+3yz)*(5wx-3yz)*4, (-3yz+5wx)(3yz+5wx)4, (3yz+5wx)(-3yz+5wx)4, (-3yz+5wx)*(3yz+5wx)*4, (3yz+5wx)*(-3yz+5wx)*4, (5wx-3yz)(5wx+3yz)(4), (5wx+3yz)(5wx-3yz)(4), (5wx-3yz)*(5wx+3yz)*(4), (5wx+3yz)*(5wx-3yz)*(4), (-3yz+5wx)(3yz+5wx)(4), (3yz+5wx)(-3yz+5wx)(4), (-3yz+5wx)*(3yz+5wx)*(4), (3yz+5wx)*(-3yz+5wx)*(4), (10xw-6yz)(10xw+6yz), (10xw+6yz)(10xw-6yz), (10xw-6yz)*(10xw+6yz), (10xw+6yz)*(10xw-6yz), (-6yz+10xw)(6yz+10xw), (6yz+10xw)(-6yz+10xw), (-6yz+10xw)*(6yz+10xw), (6yz+10xw)*(-6yz+10xw), 4(5xw-3yz)(5xw+3yz), 4(5xw+3yz)(5xw-3yz), 4*(5xw-3yz)*(5xw+3yz), 4*(5xw+3yz)*(5xw-3yz), 4(-3yz+5xw)(3yz+5xw), 4(3yz+5xw)(-3yz+5xw), 4*(-3yz+5xw)*(3yz+5xw), 4*(3yz+5xw)*(-3yz+5xw), (4)(5xw-3yz)(5xw+3yz), (4)(5xw+3yz)(5xw-3yz), (4)*(5xw-3yz)*(5xw+3yz), (4)*(5xw+3yz)*(5xw-3yz), (4)(-3yz+5xw)(3yz+5xw), (4)(3yz+5xw)(-3yz+5xw), (4)*(-3yz+5xw)*(3yz+5xw), (4)*(3yz+5xw)*(-3yz+5xw), (5xw-3yz)4(5xw+3yz), (5xw+3yz)4(5xw-3yz), (5xw-3yz)*4*(5xw+3yz), (5xw+3yz)*4*(5xw-3yz), (-3yz+5xw)4(3yz+5xw),

Alg

Correct Answer:	(3yz+5xw)4(-3yz+5xw), (-3yz+5xw)*4*(3yz+5xw), (3yz+5xw)*4*(-3yz+5xw), (5xw-3yz)(4)(5xw+3yz), (5xw+3yz)(4)(5xw-3yz), (5xw-3yz)*(4)*(5xw+3yz), (5xw+3yz)*(4)*(5xw-3yz), (-3yz+5xw)(4)(3yz+5xw), (3yz+5xw)(4)(-3yz+5xw), (-3yz+5xw)*(4)*(3yz+5xw), (3yz+5xw)*(4)*(-3yz+5xw), (5xw-3yz)(5xw+3yz)4, (5xw+3yz)(5xw-3yz)4, (5xw-3yz)*(5xw+3yz)*4, (5xw+3yz)*(5xw-3yz)*4, (-3yz+5xw)(3yz+5xw)4, (3yz+5xw)(-3yz+5xw)4, (-3yz+5xw)*(3yz+5xw)*4, (3yz+5xw)*(-3yz+5xw)*4, (5xw-3yz)(5xw+3yz)(4), (5xw+3yz)(5xw-3yz)(4), (5xw-3yz)*(5xw+3yz)*(4), (5xw+3yz)*(5xw-3yz)*(4), (-3yz+5xw)(3yz+5xw)(4), (3yz+5xw)(-3yz+5xw)(4), (-3yz+5xw)*(3yz+5xw)*(4), (3yz+5xw)*(-3yz+5xw)*(4), (10wx-6zy)(10wx+6zy), (10wx+6zy)(10wx-6zy), (10wx-6zy)*(10wx+6zy), (10wx+6zy)*(10wx-6zy), (-6zy+10wx)(6zy+10wx), (6zy+10wx)(-6zy+10wx), (-6zy+10wx)*(6zy+10wx), (6zy+10wx)*(-6zy+10wx), 4(5wx-3zy)(5wx+3zy), 4(5wx+3zy)(5wx-3zy), 4*(5wx-3zy)*(5wx+3zy), 4*(5wx+3zy)*(5wx-3zy), 4(-3zy+5wx)(3zy+5wx), 4(3zy+5wx)(-3zy+5wx), 4*(-3zy+5wx)*(3zy+5wx), 4*(3zy+5wx)*(-3zy+5wx), (4)(5wx-3zy)(5wx+3zy), (4)(5wx+3zy)(5wx-3zy), (4)*(5wx-3zy)*(5wx+3zy), (4)*(5wx+3zy)*(5wx-3zy), (4)(-3zy+5wx)(3zy+5wx), (4)(3zy+5wx)(-3zy+5wx), (4)*(-3zy+5wx)*(3zy+5wx), (4)*(3zy+5wx)*(-3zy+5wx), (5wx-3zy)4(5wx+3zy), (5wx+3zy)4(5wx-3zy), (5wx-3zy)*4*(5wx+3zy), (5wx+3zy)*4*(5wx-3zy), (-3zy+5wx)4(3zy+5wx), (3zy+5wx)4(-3zy+5wx), (-3zy+5wx)*4*(3zy+5wx), (3zy+5wx)*4*(-3zy+5wx), (5wx-3zy)(4)(5wx+3zy), (5wx+3zy)(4)(5wx-3zy), (5wx-3zy)*(4)*(5wx+3zy), (5wx+3zy)*(4)*(5wx-3zy), (-3zy+5wx)(4)(3zy+5wx), (3zy+5wx)(4)(-3zy+5wx), (-3zy+5wx)*(4)*(3zy+5wx), (3zy+5wx)*(4)*(-3zy+5wx), (5wx-3zy)(5wx+3zy)4, (5wx+3zy)(5wx-3zy)4, (5wx-3zy)*(5wx+3zy)*4, (5wx+3zy)*(5wx-3zy)*4, (-3zy+5wx)(3zy+5wx)4, (3zy+5wx)(-3zy+5wx)4, (-3zy+5wx)*(3zy+5wx)*4, (3zy+5wx)*(-3zy+5wx)*4, (5wx-3zy)(5wx+3zy)(4), (5wx+3zy)(5wx-3zy)(4), (5wx-3zy)*(5wx+3zy)*(4), (5wx+3zy)*(5wx-3zy)*(4), (-3zy+5wx)(3zy+5wx)(4), (3zy+5wx)(-3zy+5wx)(4), (-3zy+5wx)*(3zy+5wx)*(4), (3zy+5wx)*(-3zy+5wx)*(4), (10xw-6zy)(10xw+6zy), (10xw+6zy)(10xw-6zy), (10xw-6zy)*(10xw+6zy), (10xw+6zy)*(10xw-6zy), (-6zy+10xw)(6zy+10xw), (6zy+10xw)(-6zy+10xw), (-6zy+10xw)*(6zy+10xw), (6zy+10xw)*(-6zy+10xw), 4(5xw-3zy)(5xw+3zy), 4(5xw+3zy)(5xw-3zy), 4*(5xw-3zy)*(5xw+3zy), 4*(5xw+3zy)*(5xw-3zy), 4(-3zy+5xw)(3zy+5xw), 4(3zy+5xw)(-3zy+5xw), 4*(-3zy+5xw)*(3zy+5xw), 4*(3zy+5xw)*(-3zy+5xw), (4)(5xw-3zy)(5xw+3zy), (4)(5xw+3zy)(5xw-3zy), (4)*(5xw-3zy)*(5xw+3zy), (4)*(5xw+3zy)*(5xw-3zy), (4)(-3zy+5xw)(3zy+5xw), (4)(3zy+5xw)(-3zy+5xw), (4)*(-3zy+5xw)*(3zy+5xw), (4)*(3zy+5xw)*(-3zy+5xw), (5xw-3zy)4(5xw+3zy), (5xw+3zy)4(5xw-3zy), (5xw-3zy)*4*(5xw+3zy), (5xw+3zy)*4*(5xw-3zy), (-3zy+5xw)4(3zy+5xw), (3zy+5xw)4(-3zy+5xw), (-3zy+5xw)*4*(3zy+5xw), (3zy+5xw)*4*(-3zy+5xw), (5xw-3zy)(4)(5xw+3zy), (5xw+3zy)(4)(5xw-3zy), (5xw-3zy)*(4)*(5xw+3zy), (5xw+3zy)*(4)*(5xw-3zy), (-3zy+5xw)(4)(3zy+5xw), (3zy+5xw)(4)(-3zy+5xw), (-3zy+5xw)*(4)*(3zy+5xw), (3zy+5xw)*(4)*(-3zy+5xw), (5xw-3zy)(5xw+3zy)4, (5xw+3zy)(5xw-3zy)4, (5xw-3zy)*(5xw+3zy)*4, (5xw+3zy)*(5xw-3zy)*4, (-3zy+5xw)(3zy+5xw)4, (3zy+5xw)(-3zy+5xw)4, (-3zy+5xw)*(3zy+5xw)*4, (3zy+5xw)*(-3zy+5xw)*4, (5xw-3zy)(5xw+3zy)(4), (5xw+3zy)(5xw-3zy)(4), (5xw-3zy)*(5xw+3zy)*(4), (5xw+3zy)*(5xw-3zy)*(4), (-3zy+5xw)(3zy+5xw)(4), (3zy+5xw)(-3zy+5xw)(4), (-3zy+5xw)*(3zy+5xw)*(4), (3zy+5xw)*(-3zy+5xw)*(4)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$100w^2x^2 - 36y^2z^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (10*wx* + 6*yz*)(10*wx* - 6*yz*).

Question 8c of 15 (3 Factoring A Difference of Squares 297356)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false

(10wx+8yz)(10wx-8yz), (10wx-8yz)(10wx+8yz), (10wx-8yz)*(10wx+8yz), (10wx+8yz)*(10wx-8yz), (-8yz+10wx)(8yz+10wx), (8yz+10wx)(-8yz+10wx),

Alg

Correct Answer:

(-8yz+10wx)*(8yz+10wx), (8yz+10wx)*(-8yz+10wx), 4(5wx-4yz)(5wx+4yz), 4(5wx+4yz)(5wx-4yz), 4*(5wx-4yz)*(5wx+4yz), 4*(5wx+4yz)*(5wx-4yz), 4(-4yz+5wx)(4yz+5wx), 4(4yz+5wx)(-4yz+5wx), 4*(-4yz+5wx)*(4yz+5wx), 4*(4yz+5wx)*(-4yz+5wx), (4)(5wx-4yz)(5wx+4yz), (4)(5wx+4yz)(5wx-4yz), (4)*(5wx-4yz)*(5wx+4yz), (4)*(5wx+4yz)*(5wx-4yz), (4)(-4yz+5wx)(4yz+5wx), (4)(4yz+5wx)(-4yz+5wx), (4)*(-4yz+5wx)*(4yz+5wx), (4)*(4yz+5wx)*(-4yz+5wx), (5wx-4yz)4(5wx+4yz), (5wx+4yz)4(5wx-4yz), (5wx-4yz)*4*(5wx+4yz), (5wx+4yz)*4*(5wx-4yz), (-4yz+5wx)4(4yz+5wx), (4yz+5wx)4(-4yz+5wx), (-4yz+5wx)*4*(4yz+5wx), (4yz+5wx)*4*(-4yz+5wx), (5wx-4yz)(4)(5wx+4yz), (5wx+4yz)(4)(5wx-4yz), (5wx-4yz)*(4)*(5wx+4yz), (5wx+4yz)*(4)*(5wx-4yz), (-4yz+5wx)(4)(4yz+5wx), (4yz+5wx)(4)(-4yz+5wx), (-4yz+5wx)*(4)*(4yz+5wx), (4yz+5wx)*(4)*(-4yz+5wx), (5wx-4yz)(5wx+4yz)4, (5wx+4yz)(5wx-4yz)4, (5wx-4yz)*(5wx+4yz)*4, (5wx+4yz)*(5wx-4yz)*4, (-4yz+5wx)(4yz+5wx)4, (4yz+5wx)(-4yz+5wx)4, (-4yz+5wx)*(4yz+5wx)*4, (4yz+5wx)*(-4yz+5wx)*4, (5wx-4yz)(5wx+4yz)(4), (5wx+4yz)(5wx-4yz)(4), (5wx-4yz)*(5wx+4yz)*(4), (5wx+4yz)*(5wx-4yz)*(4), (-4yz+5wx)(4yz+5wx)(4), (4yz+5wx)(-4yz+5wx)(4), (-4yz+5wx)*(4yz+5wx)*(4), (4yz+5wx)*(-4yz+5wx)*(4), (10xw-8yz)(10xw+8yz), (10xw+8yz)(10xw-8yz), (10xw-8yz)*(10xw+8yz), (10xw+8yz)*(10xw-8yz), (-8yz+10xw)(8yz+10xw), (8yz+10xw)(-8yz+10xw), (-8yz+10xw)*(8yz+10xw), (8yz+10xw)*(-8yz+10xw), 4(5xw-4yz)(5xw+4yz), 4(5xw+4yz)(5xw-4yz), 4*(5xw-4yz)*(5xw+4yz), 4*(5xw+4yz)*(5xw-4yz), 4(-4yz+5xw)(4yz+5xw), 4(4yz+5xw)(-4yz+5xw), 4*(-4yz+5xw)*(4yz+5xw), 4*(4yz+5xw)*(-4yz+5xw), (4)(5xw-4yz)(5xw+4yz), (4)(5xw+4yz)(5xw-4yz), (4)*(5xw-4yz)*(5xw+4yz), (4)*(5xw+4yz)*(5xw-4yz), (4)(-4yz+5xw)(4yz+5xw), (4)(4yz+5xw)(-4yz+5xw), (4)*(-4yz+5xw)*(4yz+5xw), (4)*(4yz+5xw)*(-4yz+5xw), (5xw-4yz)4(5xw+4yz), (5xw+4yz)4(5xw-4yz), (5xw-4yz)*4*(5xw+4yz), (5xw+4yz)*4*(5xw-4yz), (-4yz+5xw)4(4yz+5xw), (4yz+5xw)4(-4yz+5xw), (-4yz+5xw)*4*(4yz+5xw), (4yz+5xw)*4*(-4yz+5xw), (5xw-4yz)(4)(5xw+4yz), (5xw+4yz)(4)(5xw-4yz), (5xw-4yz)*(4)*(5xw+4yz), (5xw+4yz)*(4)*(5xw-4yz), (-4yz+5xw)(4)(4yz+5xw), (4yz+5xw)(4)(-4yz+5xw), (-4yz+5xw)*(4)*(4yz+5xw), (4yz+5xw)*(4)*(-4yz+5xw), (5xw-4yz)(5xw+4yz)4, (5xw+4yz)(5xw-4yz)4, (5xw-4yz)*(5xw+4yz)*4, (5xw+4yz)*(5xw-4yz)*4, (-4yz+5xw)(4yz+5xw)4, (4yz+5xw)(-4yz+5xw)4, (-4yz+5xw)*(4yz+5xw)*4, (4yz+5xw)*(-4yz+5xw)*4, (5xw-4yz)(5xw+4yz)(4), (5xw+4yz)(5xw-4yz)(4), (5xw-4yz)*(5xw+4yz)*(4), (5xw+4yz)*(5xw-4yz)*(4), (-4yz+5xw)(4yz+5xw)(4), (4yz+5xw)(-4yz+5xw)(4), (-4yz+5xw)*(4yz+5xw)*(4), (4yz+5xw)*(-4yz+5xw)*(4), (10wx-8zy)(10wx+8zy), (10wx+8zy)(10wx-8zy), (10wx-8zy)*(10wx+8zy), (10wx+8zy)*(10wx-8zy), (-8zy+10wx)(8zy+10wx), (8zy+10wx)(-8zy+10wx), (-8zy+10wx)*(8zy+10wx), (8zy+10wx)*(-8zy+10wx), 4(5wx-4zy)(5wx+4zy), 4(5wx+4zy)(5wx-4zy), 4*(5wx-4zy)*(5wx+4zy), 4*(5wx+4zy)*(5wx-4zy), 4(-4zy+5wx)(4zy+5wx), 4(4zy+5wx)(-4zy+5wx), 4*(-4zy+5wx)*(4zy+5wx), 4*(4zy+5wx)*(-4zy+5wx), (4)(5wx-4zy)(5wx+4zy), (4)(5wx+4zy)(5wx-4zy), (4)*(5wx-4zy)*(5wx+4zy), (4)*(5wx+4zy)*(5wx-4zy), (4)(-4zy+5wx)(4zy+5wx), (4)(4zy+5wx)(-4zy+5wx), (4)*(-4zy+5wx)*(4zy+5wx), (4)*(4zy+5wx)*(-4zy+5wx), (5wx-4zy)4(5wx+4zy), (5wx+4zy)4(5wx-4zy), (5wx-4zy)*4*(5wx+4zy), (5wx+4zy)*4*(5wx-4zy), (-4zy+5wx)4(4zy+5wx), (4zy+5wx)4(-4zy+5wx), (-4zy+5wx)*4*(4zy+5wx), (4zy+5wx)*4*(-4zy+5wx), (5wx-4zy)(4)(5wx+4zy), (5wx+4zy)(4)(5wx-4zy), (5wx-4zy)*(4)*(5wx+4zy), (5wx+4zy)*(4)*(5wx-4zy), (-4zy+5wx)(4)(4zy+5wx), (4zy+5wx)(4)(-4zy+5wx), (-4zy+5wx)*(4)*(4zy+5wx), (4zy+5wx)*(4)*(-4zy+5wx), (5wx-4zy)(5wx+4zy)4, (5wx+4zy)(5wx-4zy)4, (5wx-4zy)*(5wx+4zy)*4, (5wx+4zy)*(5wx-4zy)*4, (-4zy+5wx)(4zy+5wx)4, (4zy+5wx)(-4zy+5wx)4, (-4zy+5wx)*(4zy+5wx)*4, (4zy+5wx)*(-4zy+5wx)*4, (5wx-4zy)(5wx+4zy)(4), (5wx+4zy)(5wx-4zy)(4), (5wx-4zy)*(5wx+4zy)*(4), (5wx+4zy)*(5wx-4zy)*(4), (-4zy+5wx)(4zy+5wx)(4), (4zy+5wx)(-4zy+5wx)(4), (-4zy+5wx)*(4zy+5wx)*(4), (4zy+5wx)*(-4zy+5wx)*(4), (10xw-8zy)(10xw+8zy), (10xw+8zy)(10xw-8zy), (10xw-8zy)*(10xw+8zy), (10xw+8zy)*(10xw-8zy), (-8zy+10xw)(8zy+10xw), (8zy+10xw)(-8zy+10xw), (-8zy+10xw)*(8zy+10xw), (8zy+10xw)*(-8zy+10xw), 4(5xw-4zy)(5xw+4zy), 4(5xw+4zy)(5xw-4zy), 4*(5xw-4zy)*(5xw+4zy), 4*(5xw+4zy)*(5xw-4zy), 4(-4zy+5xw)(4zy+5xw), 4(4zy+5xw)(-4zy+5xw), 4*(-4zy+5xw)*(4zy+5xw), 4*(4zy+5xw)*(-4zy+5xw), (4)(5xw-4zy)(5xw+4zy), (4)(5xw+4zy)(5xw-4zy), (4)*(5xw-4zy)*(5xw+4zy), (4)*(5xw+4zy)*(5xw-4zy), (4)(-4zy+5xw)(4zy+5xw), (4)(4zy+5xw)(-4zy+5xw), (4)*(-4zy+5xw)*(4zy+5xw), (4)*(4zy+5xw)*(-4zy+5xw), (5xw-4zy)4(5xw+4zy), (5xw+4zy)4(5xw-4zy), (5xw-4zy)*4*(5xw+4zy), (5xw+4zy)*4*(5xw-4zy), (-4zy+5xw)4(4zy+5xw), (4zy+5xw)4(-4zy+5xw), (-4zy+5xw)*4*(4zy+5xw), (4zy+5xw)*4*(-4zy+5xw), (5xw-4zy)(4)(5xw+4zy), (5xw+4zy)(4)(5xw-4zy), (5xw-4zy)*(4)*(5xw+4zy), (5xw+4zy)*(4)*(5xw-4zy), (-4zy+5xw)(4)(4zy+5xw), (4zy+5xw)(4)(-4zy+5xw), (-4zy+5xw)*(4)*(4zy+5xw), (4zy+5xw)*(4)*(-4zy+5xw), (5xw-4zy)(5xw+4zy)4, (5xw+4zy)(5xw-4zy)4, (5xw-4zy)*(5xw+4zy)*4, (5xw+4zy)*(5xw-4zy)*4, (-4zy+5xw)(4zy+5xw)4, (4zy+5xw)(-4zy+5xw)4, (-4zy+5xw)*(4zy+5xw)*4, (4zy+5xw)*(-4zy+5xw)*4, (5xw-4zy)(5xw+4zy)(4), (5xw+4zy)(5xw-4zy)(4), (5xw-4zy)*(5xw+4zy)*(4), (5xw+4zy)*(5xw-4zy)*(4), (-4zy+5xw)(4zy+5xw)(4), (4zy+5xw)(-4zy+5xw)(4), (-4zy+5xw)*(4zy+5xw)*(4), (4zy+5xw)*(-4zy+5xw)*(4)

Alg

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$100w^2x^2 - 64y^2z^2$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(10wx + 8yz)(10wx - 8yz)$.

Question 9a of 15 (1 Factoring A Difference of Squares 120853)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	difference, diference, differense, diferense, differens, diferens
Question:	A _____ of two squares is an expression that contains two perfect squares, with one subtracted from the other.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: difference.

Question 9b of 15 (1 Factoring A Difference of Squares 297357)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	perfect, prefect
Question:	A difference of two squares is an expression that contains two _____ squares, with one subtracted from the other.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: perfect.

Alg

Question 9c of 15 (1 Factoring A Difference of Squares 297359)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	squares, squres, sqares
Question:	A difference of two _____ is an expression that contains two perfect squares, with one subtracted from the other.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: squares.

Question 10a of 15 (1 Factoring A Difference of Squares 120855)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+b)(x-b), (x-b)(x+b), (1x+b)(1x-b), (1x-b)(1x+b), (x+b)*(x-b), (x-b)*(x+b), (1x+b)*(1x-b), (1x-b)*(1x+b), (x^1+b)(x^1-b), (x^1-b)(x^1+b), (1x^1+b)(1x^1-b), (1x^1-b)(1x^1+b), (x^1+b)*(x^1-b), (x^1-b)*(x^1+b), (1x^1+b)*(1x^1-b), (1x^1-b)*(1x^1+b), (b+x)(-b+x), (-b+x)(b+x), (b+1x)(-b+1x), (-b+1x)(b+1x), (b+x)*(-b+x), (-b+x)*(b+x), (b+1x)*(-b+1x), (-b+1x)*(b+1x), (b+x^1)(-b+x^1), (-b+x^1)(b+x^1), (b+1x^1)(-b+1x^1), (-b+1x^1)(b+1x^1), (b+x^1)*(-b+x^1), (-b+x^1)*(b+x^1), (b+1x^1)*(-b+1x^1), (-b+1x^1)*(b+1x^1)
Question:	For any number b, the polynomial $x^2 - b^2$ can be factored as _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 10b of 15 (1 Factoring A Difference of Squares 297360)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+a)(x-a), (x-a)(x+a), (1x+a)(1x-a), (1x-a)(1x+a), (x+a)*(x-a), (x-a)*(x+a), (1x+a)*(1x-a), (1x-a)*(1x+a), (x^1+a)(x^1-a), (x^1-a)(x^1+a), (1x^1+a)(1x^1-a), (1x^1-a)(1x^1+a), (x^1+a)*(x^1-a), (x^1-a)*(x^1+a), (1x^1+a)*(1x^1-a), (1x^1-a)*(1x^1+a), (a+x)(-a+x), (-a+x)(a+x), (a+1x)(-a+1x), (-a+1x)(a+1x), (a+x)*(-a+x), (-a+x)*(a+x), (a+1x)*(-a+1x), (-a+1x)*(a+1x), (a+x^1)(-a+x^1), (-a+x^1)(a+x^1), (a+1x^1)(-a+1x^1), (-a+1x^1)(a+1x^1), (a+x^1)*(-a+x^1), (-a+x^1)*(a+x^1), (a+1x^1)*(-a+1x^1), (-a+1x^1)*(a+1x^1)
Question:	For any number a, the polynomial $x^2 - a^2$ can be factored as _____.

Attempt	Incorrect Feedback
1st	

Alg

	Correct Feedback

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

Question 10c of 15 (1 Factoring A Difference of Squares 297361)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+c)(x-c), (x-c)(x+c), (1x+c)(1x-c), (1x-c)(1x+c), (x+c)*(x-c), (x-c)*(x+c), (1x+c)*(1x-c), (1x-c)*(1x+c), (x^1+c)(x^1-c), (x^1-c)(x^1+c), (1x^1+c)(1x^1-c), (1x^1-c)(1x^1+c), (x^1+c)*(x^1-c), (x^1-c)*(x^1+c), (1x^1+c)*(1x^1-c), (1x^1-c)*(1x^1+c), (c+x)(-c+x), (-c+x)(c+x), (c+1x)(-c+1x), (-c+1x)(c+1x), (c+x)*(-c+x), (-c+x)*(c+x), (c+1x)*(-c+1x), (-c+1x)*(c+1x), (c+x^1)(-c+x^1), (-c+x^1)(c+x^1), (c+1x^1)(-c+1x^1), (-c+1x^1)(c+1x^1), (c+x^1)*(-c+x^1), (-c+x^1)*(c+x^1), (c+1x^1)*(-c+1x^1), (-c+1x^1)*(c+1x^1)
Question:	For any number c, the polynomial $x^2 - c^2$ can be factored as _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 11a of 15 (3 Factoring A Difference of Squares 120856)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+10)(x-10), (x-10)(x+10), (1x+10)(1x-10), (1x-10)(1x+10), (x+10)*(x-10), (x-10)*(x+10), (1x+10)*(1x-10), (1x-10)*(1x+10), (x^1+10)(x^1-10), (x^1-10)(x^1+10), (1x^1+10)(1x^1-10), (1x^1-10)(1x^1+10), (x^1+10)*(x^1-10), (x^1-10)*(x^1+10), (1x^1+10)*(1x^1-10), (1x^1-10)*(1x^1+10)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.* $x^2 - 100$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 10)(x - 10)$.

Alg

Question 11b of 15 (3 Factoring A Difference of Squares 297362)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+11)(x-11), (x-11)(x+11), (1x+11)(1x-11), (1x-11)(1x+11), (x+11)*(x-11), (x-11)*(x+11), (1x+11)*(1x-11), (1x-11)*(1x+11), (x^1+11)(x^1-11), (x^1-11)(x^1+11), (1x^1+11)(1x^1-11), (1x^1-11)(1x^1+11), (x^1+11)*(x^1-11), (x^1-11)*(x^1+11), (1x^1+11)*(1x^1-11), (1x^1-11)*(1x^1+11)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$x^2 - 121$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 11)(x - 11)$.

Question 11c of 15 (3 Factoring A Difference of Squares 297363)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x+12)(x-12), (x-12)(x+12), (1x+12)(1x-12), (1x-12)(1x+12), (x+12)*(x-12), (x-12)*(x+12), (1x+12)*(1x-12), (1x-12)*(1x+12), (x^1+12)(x^1-12), (x^1-12)(x^1+12), (1x^1+12)(1x^1-12), (1x^1-12)(1x^1+12), (x^1+12)*(x^1-12), (x^1-12)*(x^1+12), (1x^1+12)*(1x^1-12), (1x^1-12)*(1x^1+12)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$x^2 - 144$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 12)(x - 12)$.

Question 12a of 15 (3 Factoring A Difference of Squares 120858)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(5x+6)(5x-6), (5x-6)(5x+6), (5x+6)*(5x-6), (5x-6)*(5x+6), (5x^1+6)(5x^1-6), (5x^1-6)(5x^1+6), (5x^1+6)*(5x^1-6), (5x^1-6)*(5x^1+6)
Question:	Factor the expression given below. *Write each factor as a polynomial in descending order.*

$$25x^2 - 36$$

Alg

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (5x + 6)(5x - 6).

Question 12b of 15 (3 Factoring A Difference of Squares 297364)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (5x+7)(5x-7), (5x-7)(5x+7), (5x+7)*(5x-7), (5x-7)*(5x+7), (5x^1+7)(5x^1-7), (5x^1-7)(5x^1+7), (5x^1+7)*(5x^1-7), (5x^1-7)*(5x^1+7)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.*

$25x^2 - 49$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (5x + 7)(5x - 7).

Question 12c of 15 (3 Factoring A Difference of Squares 297365)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: (6x+7)(6x-7), (6x-7)(6x+7), (6x+7)*(6x-7), (6x-7)*(6x+7), (6x^1+7)(6x^1-7), (6x^1-7)(6x^1+7), (6x^1+7)*(6x^1-7), (6x^1-7)*(6x^1+7)

Question: Factor the expression given below. *Write each factor as a polynomial in descending order.*

$36x^2 - 49$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (6x + 7)(6x - 7).

Alg

Question 13a of 15 (1 Factoring A Perfect Square 120860)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: 2AB

Question: If the perfect square terms are A^2 and B^2, then the other term must be _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 2*AB*.

Question 13b of 15 (1 Factoring A Perfect Square 297366)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: 2AB

Question: If the perfect square terms are A^2 and B^2, then the other term must be _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 2*AB*.

Question 13c of 15 (1 Factoring A Perfect Square 297367)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: 2AB

Question: If the perfect square terms are A^2 and B^2, then the other term must be _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: 2*AB*.

Alg

Question 14a of 15 (3 Factoring A Perfect Square 120862)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x-6)^2, (x-6)(x-6), (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: $(x - 6)^2$.

Question 14b of 15 (3 Factoring A Perfect Square 297368)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x-5)^2, (x-5)(x-5), (x^1-5)^2, (x^1-5)(x^1-5), (x-5)*(x-5), (x^1-5)*(x^1-5), (1x-5)^2, (1x-5)(1x-5), (1x^1-5)^2, (1x^1-5)(1x^1-5), (1x-5)*(1x-5), (1x^1-5)*(1x^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.

x^2 - 10x + 25

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 14c of 15 (3 Factoring A Perfect Square 297369)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(x-4)^2, (x-4)(x-4), (x^1-4)^2, (x^1-4)(x^1-4), (x-4)*(x-4), (x^1-4)*(x^1-4), (1x-4)^2, (1x-4)(1x-4), (1x^1-4)^2, (1x^1-4)(1x^1-4), (1x-4)*(1x-4), (1x^1-4)*(1x^1-4)
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 - 8x + 16

Alg

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 4)^2$.

Question 15a of 15 (3 Factoring A Perfect Square 120868)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(3x+5)^2, (3x+5)(3x+5), (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: $(3x + 5)^2$.

Question 15b of 15 (3 Factoring A Perfect Square 297370)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(4x+5)^2, (4x+5)(4x+5), (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: $(4x + 5)^2$.

Alg

Question 15c of 15 (3 Factoring A Perfect Square 297371)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	(3x+4)^2, (3x+4)(3x+4), (3x^1+4)^2, (3x^1+4)(3x^1+4), (3x+4)*(3x+4), (3x^1+4)*(3x^1+4)
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.

$9x^2 + 24x + 16$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(3x + 4)^2$.