

PREVIEW

CLOSE

Quiz: Factoring Trinomials

Question 1a of 15 (1 Factoring a trinomial by factoring its constant and finding its signs by the sign of the x-term 144597)

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

Correct Answer:
 $(x+8)(x+9), (x+9)(x+8), (1x+9)(1x+8), (1x+8)(1x+9), (x+9)*(x+8),$
 $(x+8)*(x+9), (1x+9)*(1x+8), (1x+8)*(1x+9), (x^1+9)(x^1+8),$
 $(x^1+8)(x^1+9), (1x^1+9)(1x^1+8), (1x^1+8)(1x^1+9), (x^1+9)*(x^1+8),$
 $(x^1+8)*(x^1+9), (1x^1+9)*(1x^1+8), (1x^1+8)*(1x^1+9)$

Question: Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 + 17x + 72$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Correct!
	Global Incorrect Feedback
	The correct answer is: $(x + 8)(x + 9)$.

Question 1b of 15 (1 Factoring a trinomial by factoring its constant and finding its signs by the sign of the x-term 295024)

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

Correct Answer:
 $(x+7)(x+9), (x+9)(x+7), (1x+9)(1x+7), (1x+7)(1x+9), (x+9)*(x+7),$
 $(x+7)*(x+9), (1x+9)*(1x+7), (1x+7)*(1x+9), (x^1+9)(x^1+7),$
 $(x^1+7)(x^1+9), (1x^1+9)(1x^1+7), (1x^1+7)(1x^1+9), (x^1+9)*(x^1+7),$
 $(x^1+7)*(x^1+9), (1x^1+9)*(1x^1+7), (1x^1+7)*(1x^1+9)$

Question: Factor the trinomial and enter the factorization below. Write each factor as a polynomial in descending order.

$$x^2 + 16x + 63$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $(x + 7)(x + 9)$.

Alg

Question 1c of 15 (1 Factoring a trinomial by factoring its constant and finding its signs by the sign of the x-term 295025)

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

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

Question: Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 + 15x + 54$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 2a of 15 (1 Using a trinomials x-terms and constant to determine its factorization 144598)

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

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

Question: Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 + 14x + 48$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

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

Question 2b of 15 (1 Using a trinomials x-terms and constant to determine its factorization 295026)

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

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

Question: Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 + 13x + 42$$

Alg

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $(x + 6)(x + 7)$.

Question 2c of 15 (1 Using a trinomials x-terms and constant to determine its factorization 295027)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $(x+7)(x+8), (x+8)(x+7), (1x+7)(1x+8), (1x+8)(1x+7), (x+7)*(x+8), (x+8)*(x+7), (1x+7)*(1x+8), (1x+8)*(1x+7), (x^1+7)(x^1+8), (x^1+8)(x^1+7), (1x^1+7)(1x^1+8), (1x^1+8)(1x^1+7), (x^1+7)*(x^1+8), (x^1+8)*(x^1+7), (1x^1+7)*(1x^1+8), (1x^1+8)*(1x^1+7)$

Question: Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 + 15x + 56$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $(x + 7)(x + 8)$.

Question 3a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144599)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 + 5x - 24$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Correct!
	Global Incorrect Feedback
	The correct answer is: $(x - 3)(x + 8)$.

Alg

Question 3b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295028)

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

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

Question: Factor the trinomial and enter the factorization below. Write each factor as a polynomial in descending order.

$$x^2 + 6x - 27$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (x - 3)(x + 9).

Question 3c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295029)

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

Correct Answer: (x-3)(x+10), (x+10)(x-3), (1x-3)(1x+10), (1x+10)(1x-3), (x-3)*(x+10), (x+10)*(x-3), (1x-3)*(1x+10), (1x+10)*(1x-3), (x^1-3)(x^1+10), (x^1+10)(x^1-3), (1x^1-3)(1x^1+10), (1x^1+10)(1x^1-3), (x^1-3)*(x^1+10), (x^1+10)*(x^1-3), (1x^1-3)*(1x^1+10), (1x^1+10)*(1x^1-3)

Question: Factor the trinomial and enter the factorization below. Write each factor as a polynomial in descending order.

$$x^2 + 7x - 30$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: (x - 3)(x + 10).

Question 4a of 15 (1 Using a trinomials x-terms and constant to determine its factorization 144600)

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

Correct Answer: (x-5)(x-9), (x-9)(x-5), (1x-5)(1x-9), (1x-9)(1x-5), (x-5)*(x-9), (x-9)*(x-5), (1x-5)*(1x-9), (1x-9)*(1x-5), (x^1-5)(x^1-9), (x^1-9)(x^1-5), (1x^1-5)(1x^1-9), (1x^1-9)(1x^1-5), (x^1-5)*(x^1-9), (x^1-9)*(x^1-5), (1x^1-5)*(1x^1-9), (1x^1-9)*(1x^1-5)

Question: Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 - 14x + 45$$

Alg

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

	Global Incorrect Feedback
	The correct answer is: $(x - 5)(x - 9)$.

Question 4b of 15 (1 Using a trinomials x-terms and constant to determine its factorization 295030)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer:

$(x-5)(x-8), (x-8)(x-5), (1x-5)(1x-8), (1x-8)(1x-5), (x-5)*(x-8), (x-8)*(x-5), (1x-5)*(1x-8), (1x-8)*(1x-5), (x^1-5)(x^1-8), (x^1-8)(x^1-5), (1x^1-5)(1x^1-8), (1x^1-8)(1x^1-5), (x^1-5)*(x^1-8), (x^1-8)*(x^1-5), (1x^1-5)*(1x^1-8), (1x^1-8)*(1x^1-5)$

Question:

Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 - 13x + 40$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 5)(x - 8)$.

Question 4c of 15 (1 Using a trinomials x-terms and constant to determine its factorization 295031)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer:

$(x-5)(x-7), (x-7)(x-5), (1x-5)(1x-7), (1x-7)(1x-5), (x-5)*(x-7), (x-7)*(x-5), (1x-5)*(1x-7), (1x-7)*(1x-5), (x^1-5)(x^1-7), (x^1-7)(x^1-5), (1x^1-5)(1x^1-7), (1x^1-7)(1x^1-5), (x^1-5)*(x^1-7), (x^1-7)*(x^1-5), (1x^1-5)*(1x^1-7), (1x^1-7)*(1x^1-5)$

Question:

Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 - 12x + 35$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Alg

Question 5a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144601)

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

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

Question: Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 - 2x - 35$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

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

Question 5b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295032)

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

Correct Answer: $(x+5)(x-8), (x-8)(x+5), (1x+5)(1x-8), (1x-8)(1x+5), (x+5)*(x-8), (x-8)*(x+5), (1x+5)*(1x-8), (1x-8)*(1x+5), (x^1+5)(x^1-8), (x^1-8)(x^1+5), (1x^1+5)(1x^1-8), (1x^1-8)(1x^1+5), (x^1+5)*(x^1-8), (x^1-8)*(x^1+5), (1x^1+5)*(1x^1-8), (1x^1-8)*(1x^1+5)$

Question: Factor the trinomial and enter the factorization below. Write each factor as a polynomial in descending order.

$$x^2 - 3x - 40$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 5)(x - 8)$.

Question 5c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295033)

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

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

Question: Factor the trinomial and enter the factorization below. Write each factor as a polynomial in descending order.

$$x^2 - 2x - 48$$

Alg

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $(x + 6)(x - 8)$.

Question 6a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144602)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer:

$(x+6)(x+10), (x+10)(x+6), (1x+6)(1x+10), (1x+10)(1x+6), (x+6)*(x+10), (x+10)*(x+6), (1x+6)*(1x+10), (1x+10)*(1x+6), (x^1+6)(x^1+10), (x^1+10)(x^1+6), (1x^1+6)(1x^1+10), (1x^1+10)(1x^1+6), (x^1+6)*(x^1+10), (x^1+10)*(x^1+6), (1x^1+6)*(1x^1+10), (1x^1+10)*(1x^1+6)$

Question:

Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 + 16x + 60$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Correct!
	Global Incorrect Feedback
	The correct answer is: $(x + 6)(x + 10)$.

Question 6b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295034)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer:

$(x+7)(x+10), (x+10)(x+7), (1x+7)(1x+10), (1x+10)(1x+7), (x+7)*(x+10), (x+10)*(x+7), (1x+7)*(1x+10), (1x+10)*(1x+7), (x^1+7)(x^1+10), (x^1+10)(x^1+7), (1x^1+7)(1x^1+10), (1x^1+10)(1x^1+7), (x^1+7)*(x^1+10), (x^1+10)*(x^1+7), (1x^1+7)*(1x^1+10), (1x^1+10)*(1x^1+7)$

Question:

Factor the trinomial and enter the factorization below. Write each factor as a polynomial in descending order.

$$x^2 + 17x + 70$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $(x + 7)(x + 10)$.

Alg

Question 6c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295035)

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

Correct Answer: (x+5)(x+10), (x+10)(x+5), (1x+5)(1x+10), (1x+10)(1x+5), (x+5)*(x+10), (x+10)*(x+5), (1x+5)*(1x+10), (1x+10)*(1x+5), (x^1+5)(x^1+10), (x^1+10)(x^1+5), (1x^1+5)(1x^1+10), (1x^1+10)(1x^1+5), (x^1+5)*(x^1+10), (x^1+10)*(x^1+5), (1x^1+5)*(1x^1+10), (1x^1+10)*(1x^1+5)

Question: Factor the trinomial and enter the factorization below. Write each factor as a polynomial in descending order.

$$x^2 + 15x + 50$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: (x + 5)(x + 10).

Question 7a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144603)

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

Correct Answer: (x-7)(x-8), (x-8)(x-7), (1x-7)(1x-8), (1x-8)(1x-7), (x-7)*(x-8), (x-8)*(x-7), (1x-7)*(1x-8), (1x-8)*(1x-7), (x^1-7)(x^1-8), (x^1-8)(x^1-7), (1x^1-7)(1x^1-8), (1x^1-8)(1x^1-7), (x^1-7)*(x^1-8), (x^1-8)*(x^1-7), (1x^1-7)*(1x^1-8), (1x^1-8)*(1x^1-7)

Question: Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 - 15x + 56$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Correct!
	Global Incorrect Feedback
	The correct answer is: (x - 7)(x - 8).

Alg

Question 7b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295036)

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

Correct Answer: $(x-7)(x-9), (x-9)(x-7), (1x-7)(1x-9), (1x-9)(1x-7), (x-7)*(x-9), (x-9)*(x-7), (1x-7)*(1x-9), (1x-9)*(1x-7), (x^{1-7})(x^{1-9}), (x^{1-9})(x^{1-7}), (1x^{1-7})(1x^{1-9}), (1x^{1-9})(1x^{1-7}), (x^{1-7})*(x^{1-9}), (x^{1-9})*(x^{1-7}), (1x^{1-7})*(1x^{1-9}), (1x^{1-9})*(1x^{1-7})$

Question: Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 - 16x + 63$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 7)(x - 9)$.

Question 7c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295037)

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

Correct Answer: $(x-6)(x-9), (x-9)(x-6), (1x-6)(1x-9), (1x-9)(1x-6), (x-6)*(x-9), (x-9)*(x-6), (1x-6)*(1x-9), (1x-9)*(1x-6), (x^{1-6})(x^{1-9}), (x^{1-9})(x^{1-6}), (1x^{1-6})(1x^{1-9}), (1x^{1-9})(1x^{1-6}), (x^{1-6})*(x^{1-9}), (x^{1-9})*(x^{1-6}), (1x^{1-6})*(1x^{1-9}), (1x^{1-9})*(1x^{1-6})$

Question: Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 - 15x + 54$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144604)

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

Correct Answer: $(x+7)(x-11), (x-11)(x+7), (1x+7)(1x-11), (1x-11)(1x+7), (x+7)*(x-11), (x-11)*(x+7), (1x+7)*(1x-11), (1x-11)*(1x+7), (x^{1+7})(x^{1-11}), (x^{1-11})(x^{1+7}), (1x^{1+7})(1x^{1-11}), (1x^{1-11})(1x^{1+7}), (x^{1+7})*(x^{1-11}), (x^{1-11})*(x^{1+7}), (1x^{1+7})*(1x^{1-11}), (1x^{1-11})*(1x^{1+7})$

Question: Factor the trinomial below. Enter each factor as a polynomial in descending order.

$$x^2 - 4x - 77$$

Alg

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Correct!
	Global Incorrect Feedback
	The correct answer is: $(x + 7)(x - 11)$.

Question 8b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295038)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer:

$(x+8)(x-11), (x-11)(x+8), (1x+8)(1x-11), (1x-11)(1x+8), (x+8)*(x-11), (x-11)*(x+8), (1x+8)*(1x-11), (1x-11)*(1x+8), (x^1+8)(x^1-11), (x^1-11)(x^1+8), (1x^1+8)(1x^1-11), (1x^1-11)(1x^1+8), (x^1+8)*(x^1-11), (x^1-11)*(x^1+8), (1x^1+8)*(1x^1-11), (1x^1-11)*(1x^1+8)$

Question:

Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 - 3x - 88$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $(x + 8)(x - 11)$.

Question 8c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295039)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer:

$(x+9)(x-11), (x-11)(x+9), (1x+9)(1x-11), (1x-11)(1x+9), (x+9)*(x-11), (x-11)*(x+9), (1x+9)*(1x-11), (1x-11)*(1x+9), (x^1+9)(x^1-11), (x^1-11)(x^1+9), (1x^1+9)(1x^1-11), (1x^1-11)(1x^1+9), (x^1+9)*(x^1-11), (x^1-11)*(x^1+9), (1x^1+9)*(1x^1-11), (1x^1-11)*(1x^1+9)$

Question:

Factor the trinomial and enter the factorization below. *Write each factor as a polynomial in descending order.*

$$x^2 - 2x - 99$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $(x + 9)(x - 11)$.

Alg

Question 9a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144605)

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

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

Question: Factor the polynomial below. Enter each factor as a polynomial in descending order.

$$x^2 - 5x - 14$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

	Global Incorrect Feedback
	The correct answer is: $(x + 2)(x - 7)$.

Question 9b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295040)

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

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

Question: Factor the polynomial $x^2 - 5x - 24$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 3)(x - 8)$.

Question 9c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295041)

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

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

Question: Factor the polynomial $x^2 - 7x - 18$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

Alg

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 2)(x - 9)$.

Question 10a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144606)

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

Correct Answer: $(x-3)(x+6), (x+6)(x-3), (1x-3)(1x+6), (1x+6)(1x-3), (x-3)*(x+6), (x+6)*(x-3), (1x-3)*(1x+6), (1x+6)*(1x-3), (x^{1-3})(x^{1+6}), (x^{1+6})(x^{1-3}), (1x^{1-3})(1x^{1+6}), (1x^{1+6})(1x^{1-3}), (x^{1-3})*(x^{1+6}), (x^{1+6})*(x^{1-3}), (1x^{1-3})*(1x^{1+6}), (1x^{1+6})*(1x^{1-3})$

Question: Factor the polynomial below. Enter each factor as a polynomial in descending order.

$$x^2 + 3x - 18.$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

	Global Incorrect Feedback
	The correct answer is: $(x - 3)(x + 6)$.

Question 10b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295042)

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

Correct Answer: $(x-2)(x+6), (x+6)(x-2), (1x-2)(1x+6), (1x+6)(1x-2), (x-2)*(x+6), (x+6)*(x-2), (1x-2)*(1x+6), (1x+6)*(1x-2), (x^{1-2})(x^{1+6}), (x^{1+6})(x^{1-2}), (1x^{1-2})(1x^{1+6}), (1x^{1+6})(1x^{1-2}), (x^{1-2})*(x^{1+6}), (x^{1+6})*(x^{1-2}), (1x^{1-2})*(1x^{1+6}), (1x^{1+6})*(1x^{1-2})$

Question: Factor the polynomial $x^2 + 4x - 12$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 2)(x + 6)$.

Alg

Question 10c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295043)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $(x-3)(x+7), (x+7)(x-3), (1x-3)(1x+7), (1x+7)(1x-3), (x-3)*(x+7), (x+7)*(x-3), (1x-3)*(1x+7), (1x+7)*(1x-3), (x^1-3)(x^1+7), (x^1+7)(x^1-3), (1x^1-3)(1x^1+7), (1x^1+7)(1x^1-3), (x^1-3)*(x^1+7), (x^1+7)*(x^1-3), (1x^1-3)*(1x^1+7), (1x^1+7)*(1x^1-3)$

Question: Factor the polynomial $x^2 + 4x - 21$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 3)(x + 7)$.

Question 11a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144607)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial below. Enter each factor as a polynomial in descending order.

$$x^2 + 7x + 6$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

	Global Incorrect Feedback
	The correct answer is: $(x + 1)(x + 6)$.

Question 11b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295044)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial $x^2 + 6x + 5$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

Alg

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 1)(x + 5)$.

Question 11c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295045)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial $x^2 + 9x + 8$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 1)(x + 8)$.

Question 12a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144608)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial below. Enter each factor as a polynomial in descending order. Enter exponents using the caret (^). For example, you would enter $4x^2$ as $4x^2$.

$x^2 - 8x + 16$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

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

Alg

Question 12b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295046)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial $x^2 - 10x + 25$. Write each factor as a polynomial in descending order. Enter exponents using the caret (^). For example, you would enter $4x^2$ as $4x^2$.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 12c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295047)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $(x-3)(x-3), (x-3)^2, (1x-3)^2, (1x-3)(1x-3), (x^{1-3})^2, (x^{1-3})(x^{1-3}), (1x^{1-3})^2, (1x^{1-3})(1x^{1-3}), (x-3)*(x-3), (1x-3)*(1x-3), (x^{1-3})*(x^{1-3}), (1x^{1-3})*(1x^{1-3})$

Question: Factor the polynomial $x^2 - 6x + 9$. Write each factor as a polynomial in descending order. Enter exponents using the caret (^). For example, you would enter $4x^2$ as $4x^2$.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 13a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144609)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $(x+2)(x-4), (x-4)(x+2), (1x+2)(1x-4), (1x-4)(1x+2), (x+2)*(x-4), (x-4)*(x+2), (1x+2)*(1x-4), (1x-4)*(1x+2), (x^{1+2})(x^{1-4}), (x^{1-4})(x^{1+2}), (1x^{1+2})(1x^{1-4}), (1x^{1-4})(1x^{1+2}), (x^{1+2})*(x^{1-4}), (x^{1-4})*(x^{1+2}), (1x^{1+2})*(1x^{1-4}), (1x^{1-4})*(1x^{1+2})$

Question: Factor the polynomial below. Enter each factor as a polynomial in descending order.

$$x^2 - 2x - 8$$

Attempt	Incorrect Feedback
1st	

Alg

	Correct Feedback
	Correct!

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

Question 13b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295048)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial $x^2 - 2x - 15$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 13c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295049)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial $x^2 - 2x - 24$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x + 4)(x - 6)$.

Alg

Question 14a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144610)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial below. Enter each factor as a polynomial in descending order. Enter exponents using the caret (^). For example, you would enter $4x^2$ as $4x^2$.

$$x^2 + 2x + 1$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

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

Question 14b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295050)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial $x^2 + 4x + 4$. Write each factor as a polynomial in descending order. Enter exponents using the caret (^). For example, you would enter $4x^2$ as $4x^2$.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 14c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295051)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

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

Question: Factor the polynomial $x^2 + 6x + 9$. Write each factor as a polynomial in descending order. Enter exponents using the caret (^). For example, you would enter $4x^2$ as $4x^2$.

Attempt	Incorrect Feedback
1st	

Alg

	Correct Feedback

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

Question 15a of 15 (3 Using a trinomials x-terms and constant to determine its factorization 144611)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $(x-1)(x+85), (x+85)(x-1), (1x-1)(1x+85), (1x+85)(1x-1), (x-1)*(x+85), (x+85)*(x-1), (1x-1)*(1x+85), (1x+85)*(1x-1), (x^1-1)(x^1+85), (x^1+85)(x^1-1), (1x^1-1)(1x^1+85), (1x^1+85)(1x^1-1), (x^1-1)*(x^1+85), (x^1+85)*(x^1-1), (1x^1-1)*(1x^1+85), (1x^1+85)*(1x^1-1)$

Question: Factor the polynomial below. Enter each factor as a polynomial in descending order.

$$x^2 + 84x - 85$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback
	Correct!

	Global Incorrect Feedback
	The correct answer is: $(x - 1)(x + 85)$.

Question 15b of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295052)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: $(x-1)(x+84), (x+84)(x-1), (1x-1)(1x+84), (1x+84)(1x-1), (x-1)*(x+84), (x+84)*(x-1), (1x-1)*(1x+84), (1x+84)*(1x-1), (x^1-1)(x^1+84), (x^1+84)(x^1-1), (1x^1-1)(1x^1+84), (1x^1+84)(1x^1-1), (x^1-1)*(x^1+84), (x^1+84)*(x^1-1), (1x^1-1)*(1x^1+84), (1x^1+84)*(1x^1-1)$

Question: Factor the polynomial $x^2 + 83x - 84$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 1)(x + 84)$.

Alg

Question 15c of 15 (3 Using a trinomials x-terms and constant to determine its factorization 295053)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer:

$(x-1)(x+86), (x+86)(x-1), (1x-1)(1x+86), (1x+86)(1x-1), (x-1)*(x+86), (x+86)*(x-1), (1x-1)*(1x+86), (1x+86)*(1x-1), (x^1-1)(x^1+86), (x^1+86)(x^1-1), (1x^1-1)(1x^1+86), (1x^1+86)(1x^1-1), (x^1-1)*(x^1+86), (x^1+86)*(x^1-1), (1x^1-1)*(1x^1+86), (1x^1+86)*(1x^1-1)$

Question: Factor the polynomial $x^2 + 85x - 86$. Write each factor as a polynomial in descending order.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $(x - 1)(x + 86)$.