PREVIEW CLOSE

Quiz: Finding the Product of Two Binomials

Question 1a of 15 (3 Using the distributive property or FOIL method to multiply two binomials 91126)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(8x + 8)(x + 3)$

	Choice	Feedback
*A.	$8x^2 + 32x + 24$	
B.	$8x^2 + 34x + 64$	
C.	$8x^2 + 16x + 32$	
D.	$8x^2 + 11x + 16$	

Global Incorrect Feedback
The correct answer is: $8x^2 + 32x + 24$.

Question 1b of 15 (3 Using the distributive property or FOIL method to multiply two binomials 283443)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(9x + 9)(x + 2)$

	Choice	Feedback
A.	$9x^2 + 11x + 9$	
B.	$9x^2 + 27x + 162$	
*C.	$9x^2 + 27x + 18$	
D.	$9x^2 + 11x + 18$	

Global Incorrect Feedback
The correct answer is: $9x^2 + 27x + 18$.

Question 1c of 15 (3 Using the distributive property or FOIL method to multiply two binomials 283444)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(7x + 7)(x + 2)$

	Choice	Feedback
A.	$7x^2 + 9x + 7$	
***B.**	$7x^2 + 21x + 14$	
C.	$7x^2 + 21x + 28$	
D.	$7x^2 + 9x + 14$	

Global Incorrect Feedback
The correct answer is: $7x^2 + 21x + 14$.

Question 2a of 15 (3 Using the distributive property or FOIL to multiply two binomials 91127)

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What is the product of the polynomials below?

$(4x + 4)(9x + 6)$

	Choice	Feedback
***A.**	$36x^2 + 60x + 24$	
B.	$36x^2 + 60x + 96$	
C.	$36x^2 + 10x + 24$	
D.	$36x^2 + 42x + 24$	

Global Incorrect Feedback
The correct answer is: $36x^2 + 60x + 24$.

Question 2b of 15 (3 Using the distributive property or FOIL to multiply two binomials 284122)

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What is the product of the polynomials below?

$(5x + 5)(8x + 5)$

	Choice	Feedback
A.	$40x^2 + 25x + 25$	
B.	$40x^2 + 65x + 125$	
C.	$40x^2 + 40x + 25$	
***D.**	$40x^2 + 65x + 25$	

Global Incorrect Feedback
The correct answer is: $40x^2 + 65x + 25$.

Question 2c of 15 (3 Using the distributive property or FOIL to multiply two binomials 284123)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(3x + 3)(6x + 9)$

	Choice	Feedback
A.	$18x^2 + 45x + 96$	
B.	$18x^2 + 27x + 27$	
***C.**	$18x^2 + 45x + 27$	
D.	$18x^2 + 27x + 27$	

Global Incorrect Feedback
The correct answer is: $18x^2 + 45x + 27$.

Question 3a of 15 (3 Using the distributive property or FOIL to multiply two binomials 91128)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(7x^3 + 4x)(x^2 + 2)$

	Choice	Feedback
A.	$7x^5 + 18x^3 + 8$	
B.	$7x^5 + 14x^3 + 4x^2 + 8x$	
***C.**	$7x^5 + 18x^3 + 8x$	
D.	$7x^5 + 18x^3 + 4x$	

Global Incorrect Feedback
The correct answer is: $7x^5 + 18x^3 + 8x$.

Question 3b of 15 (3 Using the distributive property or FOIL to multiply two binomials 284124)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(6x^3 + 3x)(x^2 + 4)$

	Choice	Feedback
***A.**	$6x^5 + 27x^3 + 12x$	
B.	$6x^5 + 24x^3 + 3x^2 + 12x$	
C.	$6x^5 + 24x^3 + 12$	
D.	$6x^5 + 24x^3 + 3x^2 + 12$	

Global Incorrect Feedback
The correct answer is: $6x^5 + 27x^3 + 12x$.

Question 3c of 15 (3 Using the distributive property or FOIL to multiply two binomials 284125)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(5x^3 + 5x)(x^2 + 6)$

	Choice	Feedback
A.	$5x^5 + 35x^3 + 30$	
***B.**	$5x^5 + 35x^3 + 30x$	
C.	$5x^5 + 30x^3 + 5x^2 + 30x$	
D.	$5x^5 + 30x^3 + 5x$	

Global Incorrect Feedback
The correct answer is: $5x^5 + 35x^3 + 30x$.

Question 4a of 15 (3 Using the distributive property or FOIL to multiply two binomials 91129)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(3x^3 + 9x)(x^2 - 2)$

	Choice	Feedback
A.	$3x^5 - 6x^3 + 9x^2 - 18x$	
B.	$3x^5 + 15x^2 - 18x$	
C.	$3x^5 + 3x^3 + 18$	
***D.**	$3x^5 + 3x^3 - 18x$	

Global Incorrect Feedback
The correct answer is: $3x^5 + 3x^3 - 18x$.

Question 4b of 15 (3 Using the distributive property or FOIL to multiply two binomials 284126)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(4x^3 + 8x)(x^2 - 1)$

	Choice	Feedback
***A.**	$4x^5 + 4x^3 - 8x$	
B.	$4x^5 + 8x^2 - 8x$	
C.	$4x^5 + 4x^3 + 32$	
D.	$4x^5 - 4x^3 + 8x^2 - 8x$	

Global Incorrect Feedback
The correct answer is: $4x^5 + 4x^3 - 8x$.

Question 4c of 15 (3 Using the distributive property or FOIL to multiply two binomials 284127)

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What is the product of the polynomials below?

$(4x^3 + 8x)(x^2 - 3)$

	Choice	Feedback
A.	$4x^5 - 12x^3 + 8x^2 - 24x$	
***B.**	$4x^5 - 4x^3 - 24x$	
C.	$4x^5 + 4x^3 + 24$	
D.	$4x^5 + 12x^2 - 32x$	

Global Incorrect Feedback
The correct answer is: $4x^5 - 4x^3 - 24x$.

Question 5a of 15 (3 Using the distributive property or FOIL to multiply two binomials 91130)

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What is the product of the polynomials below?

$(3x^2 + 7)(6 - x^3)$

	Choice	Feedback
***A.**	$-3x^5 - 7x^3 + 18x^2 + 42$	
B.	$-3x^5 - 7x^3 + 18x^2 + 42x$	
C.	$-3x^5 - 7x^3 + 18x^2 - 42$	
D.	$3x^5 - 7x^3 + 18x^2 + 42$	

Global Incorrect Feedback
The correct answer is: $-3x^5 - 7x^3 + 18x^2 + 42$.

Question 5b of 15 (3 Using the distributive property or FOIL to multiply two binomials 284128)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(3x^2 + 5)(4 - x^3)$

	Choice	Feedback
A.	$3x^5 - 5x^3 + 12x^2 + 20$	
B.	$-3x^5 - 5x^3 - 12x^2 + 20x$	
C.	$-3x^5 - 5x^3 + 12x^2 - 20$	
***D.**	$-3x^5 - 5x^3 + 12x^2 + 20$	

Global Incorrect Feedback
The correct answer is: $-3x^5 - 5x^3 + 12x^2 + 20$.

Question 5c of 15 (3 Using the distributive property or FOIL to multiply two binomials 284129)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(3x^2 + 7)(6 - x^3)$

	Choice	Feedback
A.	$-3x^5 - 7x^3 + 18x^2 - 42$	
B.	$-3x^5 - 7x^3 + 18x^2 + 42x$	
***C.**	$-3x^5 - 7x^3 + 18x^2 + 42$	
D.	$3x^5 - 7x^3 + 18x^2 + 42$	

Global Incorrect Feedback
The correct answer is: $-3x^5 - 7x^3 + 18x^2 + 42$.

Question 6a of 15 (3 Using the distributive property or FOIL to multiply two binomials 91131)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(2x^2 + 4)(3 + x^3)$

	Choice	Feedback
A.	$2x^5 + 4x^3 + 6x + 12$	
***B.**	$2x^5 + 4x^3 + 6x^2 + 12$	
C.	$-2x^5 + 4x^3 + 6x^2 + 12x$	
D.	$2x^5 + 10x^3 + 12$	

Global Incorrect Feedback
The correct answer is: $2x^5 + 4x^3 + 6x^2 + 12$.

Question 6b of 15 (3 Using the distributive property or FOIL to multiply two binomials 284130)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(3x^2 + 3)(4 + x^3)$

	Choice	Feedback
A.	$3x^5 + 3x^3 + 12x + 12$	
***B.**	$3x^5 + 3x^3 + 12x^2 + 12$	
C.	$-3x^5 + 3x^3 + 12x^2 + 12x$	
D.	$3x^5 + 15x^3 + 12$	

Global Incorrect Feedback
The correct answer is: $3x^5 + 3x^3 + 12x^2 + 12$.

Question 6c of 15 (3 Using the distributive property or FOIL to multiply two binomials 284131)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(5x^2 + 1)(2 + x^3)$

	Choice	Feedback
A.	$-5x^5 + x^3 + 10x^2 + 2x$	
B.	$5x^5 + 11x^3 + 2$	
C.	$5x^5 + x^3 + 10x + 2$	
***D.**	$5x^5 + x^3 + 10x^2 + 2$	

Global Incorrect Feedback
The correct answer is: $5x^5 + x^3 + 10x^2 + 2$.

Question 7a of 15 (3 Using the distributive property or FOIL to multiply two binomials 91132)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(5 - x^2)(x - x^3)$

	Choice	Feedback
A.	$x^5 + 6x^3 + 5x$	
***B.**	$x^5 - 6x^3 + 5x$	
C.	$x^5 - 4x^3 + 5x$	
D.	$x^5 - 5x^3 + 5x$	

Global Incorrect Feedback
The correct answer is: $x^5 - 6x^3 + 5x$.

Question 7b of 15 (3 Using the distributive property or FOIL to multiply two binomials 284132)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(4 - x^2)(x - x^3)$

	Choice	Feedback
***A.**	$x^5 - 5x^3 + 4x$	
B.	$x^5 - x^3 + 4x$	
C.	$x^5 - 4x^3 + 5x$	
D.	$x^5 + 5x^3 + 4x$	

Global Incorrect Feedback
The correct answer is: $x^5 - 5x^3 + 4x$.

Question 7c of 15 (3 Using the distributive property or FOIL to multiply two binomials 284133)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(8 - x^2)(x - x^3)$

	Choice	Feedback
A.	$x^5 + 9x^3 + 6x$	
B.	$x^5 - 9x^3 + 6x$	
C.	$x^5 + 9x^3 + 8x$	
***D.**	$x^5 - 9x^3 + 8x$	

Global Incorrect Feedback
The correct answer is: $x^5 - 9x^3 + 8x$.

Question 8a of 15 (3 Using the distributive property or FOIL to multiply two binomials 91133)

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What is the product of the polynomials below?

$(6 - 5x^2)(x^4 - x^3)$

	Choice	Feedback
A.	$-5x^5 + 5x^4 + 6x^3 - 6x^2$	
B.	$5x^6 + 5x^5 + 6x^4 + 6x^3$	
***C.**	$-5x^6 + 5x^5 + 6x^4 - 6x^3$	
D.	$-5x^6 + 5x^5 + 6x^4 - 6x$	

Global Incorrect Feedback
The correct answer is: $-5x^6 + 5x^5 + 6x^4 - 6x^3$.

Question 8b of 15 (3 Using the distributive property or FOIL to multiply two binomials 284134)

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What is the product of the polynomials below?

$(7 - 6x^2)(x^4 - x^3)$

	Choice	Feedback
***A.**	$-6x^6 + 6x^5 + 7x^4 - 7x^3$	
B.	$-6x^6 + 6x^5 + 7x^4 + 7x^3$	
C.	$-6x^5 + 6x^4 + 7x^3 - 7x^2$	
D.	$-6x^6 + 6x^5 + 7x^4 - 7x$	

Global Incorrect Feedback
The correct answer is: $-6x^6 + 6x^5 + 7x^4 - 7x^3$.

Question 8c of 15 (3 Using the distributive property or FOIL to multiply two binomials 284135)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: What is the product of the polynomials below?

$(6 - 5x^2)(x^4 - x^3)$

	Choice	Feedback
A.	$5x^6 + 5x^5 + 6x^4 + 6x^3$	
B.	$-5x^5 + 5x^4 + 6x^3 - 6x^2$	
C.	$-5x^6 + 5x^5 + 6x^4 - 6x$	
***D.**	$-5x^6 + 5x^5 + 6x^4 - 6x^3$	

Global Incorrect Feedback
The correct answer is: $-5x^6 + 5x^5 + 6x^4 - 6x^3$.

Question 9a of 15 (1 Using the FOIL method to multiply two binomials 120287)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: foil, f.o.i.l.
Question: _____ is a method that uses a pattern to simplify multiplying two binomials together.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: FOIL.

Question 9b of 15 (1 Using the FOIL method to multiply two binomials 284136)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: multiplying, multiply
Question: FOIL is a method that uses a pattern to simplify _____ two binomials together.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: multiplying.

Question 9c of 15 (1 Using the FOIL method to multiply two binomials 284137)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: binomials
Question: FOIL is a method that uses a pattern to simplify multiplying two _____ together.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: binomials.

Question 10a of 15 (3 Using the FOIL method to multiply two binomials 120288)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: -2x^8+8x^6-x^3+4x, -2x^8+8x^6-x^3+4x^1, -2x^8+8x^6-1x^3+4x, -2x^8+8x^6-1x^3+4x^1
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^).
For example, you would enter $4x^2$ as 4x^2.

$(4 - x^2)(x + 2x^6)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-2x^8 + 8x^6 - x^3 + 4x$.

Question 10b of 15 (3 Using the FOIL method to multiply two binomials 284138)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: -3x^8+9x^6-x^3+3x, -3x^8+9x^6-x^3+3x^1, -3x^8+9x^6-1x^3+3x, -3x^8+9x^6-1x^3+3x^1
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^).
For example, you would enter as 4x^2.

$(3 - x^2)(x + 3x^6)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-3x^8 + 9x^6 - x^3 + 3x$.

Question 10c of 15 (3 Using the FOIL method to multiply two binomials 284139)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: -4x^8+20x^6-x^3+5x, -4x^8+20x^6-x^3+5x^1, -4x^8+20x^6-1x^3+5x^1, -4x^8+20x^6-1x^3+5x^1
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^).
For example, you would enter $4x^2$ as 4x^2.

$(5 - x^2)(x + 4x^6)$

Attempt	**Incorrect Feedback**
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-4x^8 + 20x^6 - x^3 + 5x$.

Question 11a of 15 (3 Using the FOIL method to multiply two binomials 120290)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^13-8x^10+7x^7, 1x^13-8x^10+7x^7
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^).
For example, you would enter as 4x^2.

$(x^{10} - x^7)(x^3 - 7)$

Attempt	**Incorrect Feedback**
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^{13} - 8x^{10} + 7x^7$.

Question 11b of 15 (3 Using the FOIL method to multiply two binomials 284140)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^14-7x^11+6x^8, 1x^14-7x^11+6x^8
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2.

$(x^{11} - x^8)(x^3 - 6)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^{14} - 7x^{11} + 6x^8$.

Question 11c of 15 (3 Using the FOIL method to multiply two binomials 284141)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^15-11x^12+10x^9, 1x^15-11x^12+10x^9
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2.

$(x^{12} - x^9)(x^3 - 10)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^{15} - 11x^{12} + 10x^9$.

Question 12a of 15 (3 Using the FOIL method to multiply two binomials 120291)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 9x^2-16
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter as 4*x*^2. Do *not* enter spaces in your answers.

$(3x - 4)(3x + 4)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $9x^2 - 16$.

Question 12b of 15 (3 Using the FOIL method to multiply two binomials 284142)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 4x^2-25
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2. Do *not* enter spaces in your answers.

(2*x* - 5)(2*x* + 5)

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $4x^2 - 25$.

Question 12c of 15 (3 Using the FOIL method to multiply two binomials 284143)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 25x^2-1
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter as 4*x*^2. Do *not* enter spaces in your answers.

(5*x* - 1)(5*x* + 1)

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $25x^2 - 1$.

Question 13a of 15 (3 Using the FOIL method to multiply two binomials 120292)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^4+6x^2+9, 1x^4+6x^2+9
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2. Do *not* enter spaces in your answers.

$(x^2 + 3)(x^2 + 3)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^4 + 6x^2 + 9$.

Question 13b of 15 (3 Using the FOIL method to multiply two binomials 284144)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^4+8x^2+16, 1x^4+8x^2+16
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2. Do *not* enter spaces in your answers.

$(x^2 + 4)(x^2 + 4)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^4 + 8x^2 + 16$.

Question 13c of 15 (3 Using the FOIL method to multiply two binomials 284145)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^4+14x^2+49, 1x^4+14x^2+49
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter as 4*x*^2. Do *not* enter spaces in your answers.

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^4 + 14x^2 + 49$.

Question 14a of 15 (3 Using the FOIL method to multiply two binomials 120293)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 14x^3-24x^2-8x, 14x^3-24x^2-8x^1
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2. Do *not* enter spaces in your answers.

$(2x^2 - 4x)(7x + 2)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $14x^3 - 24x^2 - 8x$.

Question 14b of 15 (3 Using the FOIL method to multiply two binomials 284146)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 18x^3-21x^2-9x, 18x^3-21x^2-9x^1
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter as 4*x*^2. Do *not* enter spaces in your answers.

$(2x^2 - 3x)(9x + 3)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $18x^3 - 21x^2 - 9x$.

Question 14c of 15 (3 Using the FOIL method to multiply two binomials 284147)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 18x^3-15x^2-12x, 18x^3-15x^2-12x^1
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2. Do *not* enter spaces in your answers.

$(3x^2 - 4x)(6x + 3)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $18x^3 - 15x^2 - 12x$.

Question 15a of 15 (3 Using the FOIL method to multiply two binomials 120294)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: -3x^4+3x^3-27x+27, -3x^4+3x^3-27x^1+27
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2. Do *not* enter spaces in your answers.

$(3 - 3x)(x^3 + 9)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-3x^4 + 3x^3 - 27x + 27$.

Question 15b of 15 (3 Using the FOIL method to multiply two binomials 284148)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: -4x^4+4x^3-8x+8, -4x^4+4x^3-8x^1+8
Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter as 4*x*^2. Do *not* enter spaces in your answers.

$(4 - 4x)(x^3 + 2)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-4x^4 + 4x^3 - 8x + 8$.

Question 15c of 15 (3 Using the FOIL method to multiply two binomials 284149)

Maximum Attempts: 1

Question Type: Text Fill In Blank

Maximum Score: 2

Is Case Sensitive: false

Correct Answer: -5x^4+5x^3-30x+30, -5x^4+5x^3-30x^1+30

Question: Use the FOIL method to find the product of the binomials. Enter your answer in descending order in the box below. Enter exponents using the caret (^). For example, you would enter $4x^2$ as 4*x*^2. Do *not* enter spaces in your answers.

$(5 - 5x)(x^3 + 6)$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-5x^4 + 5x^3 - 30x + 30$.
