PREVIEW CLOSE

Quiz: Polynomial Addition with Tiles

Question 1a of 15 (2 Using tiles to add or subtract like terms in polynomials 90785)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

	Choice	Feedback
A.	$7x^2 + 2x + 5$	
B.	$7x^2 + x + 5$	
***C.**	$5x^2 + 2x + 5$	
D.	$5x^2 + x + 7$	

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

Question 1b of 15 (2 Using tiles to add or subtract like terms in polynomials 283290)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

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

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

Question 1c of 15 (2 Using tiles to add or subtract like terms in polynomials 283291)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

	Choice	Feedback
A.	$8x^2 + 4x + 1$	
B.	$x^2 + 3x + 6$	
C.	$5x^2 + 2x + 6$	
***D.**	$6x^2 + 3x + 1$	

Global Incorrect Feedback
The correct answer is: $6x^2 + 3x + 1$.

Question 2a of 15 (2 Using tiles to add or subtract like terms in polynomials 90786)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

	Choice	Feedback
A.	$3x^2 + 4$	
***B.**	$2x^2 + 3x + 1$	
C.	$2x^2 + 5x + 1$	
D.	$5x^2 + 3x + 1$	

Global Incorrect Feedback
The correct answer is: $2x^2 + 3x + 1$.

Question 2b of 15 (2 Using tiles to add or subtract like terms in polynomials 283292)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

	Choice	Feedback
A.	$2x^2 + 1$	
B.	$x^2 + 3x + 4$	
***C.**	$3x^2 + 4x + 3$	
D.	$5x^2 + 3x + 1$	

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

Question 2c of 15 (2 Using tiles to add or subtract like terms in polynomials 283293)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

	Choice	Feedback
A.	$x^2 + 5x - 2$	
B.	$6x^2 + 3x + 4$	
C.	$2x^2 + 5x + 1$	
***D.**	$4x^2 + 2x + 4$	

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

Question 3a of 15 (3 Using tiles to add or subtract like terms in polynomials 90787)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

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

Global Incorrect Feedback
The correct answer is: $3x^2 + 4x + 7$.

Question 3b of 15 (3 Using tiles to add or subtract like terms in polynomials 283294)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

	Choice	Feedback
A.	$x^2 + 4x + 5$	
B.	$4x^2 + 4x + 8$	
***C.**	$2x^2 + 4x + 6$	
D.	$4x^2 + 9$	

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

Question 3c of 15 (3 Using tiles to add or subtract like terms in polynomials 283295)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

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

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

Question 4a of 15 (3 Using tiles to add or subtract like terms in polynomials 90788)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

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

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

Question 4b of 15 (3 Using tiles to add or subtract like terms in polynomials 283296)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

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

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

Question 4c of 15 (3 Using tiles to add or subtract like terms in polynomials 283297)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which polynomial does this sum of tiles represent?

	Choice	Feedback
A.	$x^2 + 2x + 4$	
B.	$3x^2 + x + 4$	
C.	$3x^2 + 2x + 3$	
***D.**	$6x^2 + x + 1$	

Global Incorrect Feedback
The correct answer is: $6x^2 + x + 1$.

Question 5a of 15 (3 Arranging polynomials to combine like terms 90789)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum of the polynomials below:

$(8x^9 + 4x - 4) + (5x^9 + x + 5)$

	Choice	Feedback
A.	$40x^{18} + 5x^2 + 1$	
B.	$40x^9 + 4x^2 + 1$	
***C.**	$13x^9 + 5x + 1$	
D.	$13x^9 - 5x + 1$	

Global Incorrect Feedback
The correct answer is: $13x^9 + 5x + 1$.

Question 5b of 15 (3 Arranging polynomials to combine like terms 283298)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum of the polynomials below:

$(7x^8 + 3x - 3) + (4x^8 + 2x + 5)$

	Choice	Feedback
A.	$35x^{16} + 5x^2 + 2$	
B.	$35x^8 + 5x^2 + 2$	
C.	$11x^8 - 5x + 2$	
***D.**	$11x^8 + 5x + 2$	

Global Incorrect Feedback
The correct answer is: $11x^8 + 5x + 2$.

Question 5c of 15 (3 Arranging polynomials to combine like terms 283299)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum of the polynomials below:

$(5x^5 + 2x - 1) + (6x^5 + x + 8)$

	Choice	Feedback
A.	$25x^{25} + 3x^2 + 7$	
***B.**	$11x^5 + 3x + 7$	
C.	$25x^5 + 3x + 7$	
D.	$11x^9 - 5x + 1$	

Global Incorrect Feedback
The correct answer is: $11x^5 + 3x + 7$.

Question 6a of 15 (3 Arranging polynomials to combine like terms 90790)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum of the polynomials below:

$(8x^9 + 6x^6 - 2x + 6) + (9x^9 + 4x^6 + 9x + 7)$

	Choice	Feedback
A.	$72x^9 + 24x^6 - 18x^2 + 13$	
B.	$17x^9 + 10x^6 - 7x + 13$	
C.	$10x^9 + 17x^6 + 7x + 13$	
***D.**	$17x^9 + 10x^6 + 7x + 13$	

Global Incorrect Feedback
The correct answer is: $17x^9 + 10x^6 + 7x + 13$.

Question 6b of 15 (3 Arranging polynomials to combine like terms 283300)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum of the polynomials below:

$(4x^7 + 5x^5 + 1x + 6) + (10x^7 + 6x^5 - 4x + 4)$

	Choice	Feedback
*A.	$14x^7 + 11x^5 - 3x + 10$	
B.	$40x^7 + 30x^5 - 3x + 10$	
C.	$40x^7 + 11x^5 - 3x + 10$	
D.	$14x^7 + 11x^5 + 3x + 10$	

Global Incorrect Feedback
The correct answer is: $14x^7 + 11x^5 - 3x + 10$.

Question 6c of 15 (3 Arranging polynomials to combine like terms 283301)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum of the polynomials below:

$(7x^7 + 5x^5 - 3x + 7) + (3x^7 + 2x^5 + x + 2)$

	Choice	Feedback
A.	$21x^7 + 10x^5 - 4x^2 + 9$	
B.	$10x^7 + 7x^5 - 4x^2 + 9$	
*C.	$10x^7 + 7x^5 - 2x + 9$	
D.	$10x^7 + 10x^6 - 2x + 9$	

Global Incorrect Feedback
The correct answer is: $10x^7 + 7x^5 - 2x + 9$.

Question 7a of 15 (3 Arranging polynomials to combine like terms 120220)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 3x^2+3x+2, 3x^2+3x^1+2
Question: Find the sum of $(x^2 + x + 1)$ and $(2x^2 + 2x + 1)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write as $4x$^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 7b of 15 (3 Arranging polynomials to combine like terms 283302)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 4x^2+4x+3, 4x^2+4x^1+3, 4x^2 + 4x + 3
Question: Find the sum of $(2x^2 + x + 1)$ and $(2x^2 + 3x + 2)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 7c of 15 (3 Arranging polynomials to combine like terms 283303)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 4x^2+4x+3, 4x^2+4x^1+3, 4x^2 + 4x + 3
Question: Find the sum of $(x^2 + x + 1)$ and $(3x^2 + 3x + 2)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8a of 15 (3 Arranging polynomials to combine like terms 120221)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^5+2x^4+4x^2+2x-3, x^5+2x^4+4x^2+2x^1-3, 1x^5+2x^4+4x^2+2x-3, 1x^5+2x^4+4x^2+2x^1-3
Question: Find the sum: $(x^5 - 3x^4 + x^2 - 4) + (5x^4 + 3x^2 + 2x + 1)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write as $4x^2$.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8b of 15 (3 Arranging polynomials to combine like terms 283304)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^5+x^4+4x^2+x-2, x^5+x^4+4x^2+x^1-2, 1x^5+x^4+4x^2+x-2, 1x^5+x^4+4x^2+x^1-2
Question: Find the sum: $(x^5 - 2x^4 + 2x^2 - 3) + (3x^4 + 2x^2 + x + 1)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8c of 15 (3 Arranging polynomials to combine like terms 283305)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^5+x^4+7x^2+x-2, x^5+x^4+7x^2+x^1-2, 1x^5+x^4+7x^2+x^1-2, 1x^5+x^4+7x^2+1x^1-2
Question: Find the sum: $(x^5 - 2x^4 + 3x^2 - 6) + (3x^4 + 4x^2 + x + 4)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $x^5 + x^4 + 7x^2 + x - 2$.

Question 9a of 15 (3 Arranging polynomials to combine like terms 120222)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(x^3 + 3x^2 + x + 1) + (2x^3 - 2x^2 - 2x + 2)$.

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

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

Question 9b of 15 (3 Arranging polynomials to combine like terms 283306)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(3x^3 + 2x^2 + x + 4) + (2x^3 - x^2 - 3x + 1)$.

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

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

Question 9c of 15 (3 Arranging polynomials to combine like terms 283307)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(3x^3 + 2x^2 + 2x + 1) + (1x^3 - x^2 - x + 2)$.

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

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

Question 10a of 15 (3 Arranging polynomials to combine like terms 120223)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(-12x^2 + 4x + 4) + (6x^3 - 6x^2 - x)$.

	Choice	Feedback
*A.	$6x^3 - 18x^2 + 3x + 4$	
B.	$-6x^3 - 2x^2 + 3x$	
C.	$-6x^3 - 2x^2 + 3$	
D.	$6x^3 + 18x^2 + 4x + 3x$	

Global Incorrect Feedback
The correct answer is: $-6x^3 - 18x^2 + 3x + 4$.

Question 10b of 15 (3 Arranging polynomials to combine like terms 283308)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(-10x^3 + 4x + 5) + (5x^2 - 2x)$.

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

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

Question 10c of 15 (3 Arranging polynomials to combine like terms 283309)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(6x^2 + 8x + 8) + (12x^3 - 12x^2 - 2x)$.

	Choice	Feedback
A.	$18x^3 - 6x^2 + 6x + 8$	
B.	$6x^3 - 18x^2 + 6x$	
C.	$6x^3 - 6x^2 + 8$	
*D.	$12x^3 - 6x^2 + 6x + 8$	

Global Incorrect Feedback
The correct answer is: $12x^3 - 6x^2 + 6x + 8$.

Question 11a of 15 (3 Distributing the negative sign in polynomial subtraction 120225)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^2+2, 1x^2+2
Question: Subtract the polynomials: $(2x^2 + 2x + 3) - (x^2 + 2x + 1)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents. For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 11b of 15 (3 Distributing the negative sign in polynomial subtraction 283310)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 2x^2+x, 2x^2+1x, 2x^2+1x^1
Question: Subtract the polynomials: $(3x^2 + 3x + 3) - (x^2 + 2x + 3)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents. For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 11c of 15 (3 Distributing the negative sign in polynomial subtraction 283311)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 2x^2+3, 2x^2 + 3
Question: Subtract the polynomials: $(3x^2 + 2x + 4) - (x^2 + 2x + 1)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents. For example, you would write as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 12a of 15 (3 Distributing the negative sign in polynomial subtraction 120226)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 2x^3+2x^2-9x+5, 2x^3+2x^2-9x^1+5
Question: Subtract the polynomials: $(5x^3 - 3x + 4) - (3x^3 - 2x^2 + 6x - 1)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents. For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $2x^3 + 2x^2 - 9x + 5$.

Question 12b of 15 (3 Distributing the negative sign in polynomial subtraction 283312)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 4x^3+x^2-11x+15, 4x^3+x^2-11x^1+15
Question: Subtract the polynomials: $(6x^3 - 4x + 5) - (2x^3 - x^2 + 7x - 10)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents. For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $4x^3 + x^2 - 11x + 15$.

Question 12c of 15 (3 Distributing the negative sign in polynomial subtraction 283313)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 3x^3+5x^2-10x+7, 3x^3+5x^2-10x^1+7
Question: Subtract the polynomials: $(6x^3 - 4x + 5) - (3x^3 - 5x^2 + 6x - 2)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents. For example, you would write as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $3x^3 + 5x^2 - 10x + 7$.

Question 13a of 15 (3 Arranging polynomials to combine like terms 120228)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(2x^2 + x + 3) + (3x^2 + 2x + 1)$.

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

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

Question 13b of 15 (3 Arranging polynomials to combine like terms 283314)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(3x^2 + 2x + 3) + (x^2 + x + 1)$.

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

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

Question 13c of 15 (3 Arranging polynomials to combine like terms 283315)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(x^2 + 2x + 3) + (3x^2 + x + 1)$.

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

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

Question 14a of 15 (3 Distributing the negative sign in polynomial subtraction 120230)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: x^3-2x+5, x^3-2x^1+5, 1x^3-2x+5, 1x^3-2x^1+5
Question: Subtract the polynomials: $(3x^3 - 2x + 3) - (2x^3 - 2)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 14b of 15 (3 Distributing the negative sign in polynomial subtraction 283316)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 2x^3-3x+6, 2x^3-3x^1+6
Question: Subtract the polynomials: $(3x^3 - 3x + 4) - (x^3 - 2)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents.
For example, you would write as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 14c of 15 (3 Distributing the negative sign in polynomial subtraction 283317)

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: 4x^3-4x+3, 4x^3-4x^1+3
Question: Subtract the polynomials: $(6x^3 - 4x + 2) - (2x^3 - 1)$. Enter your answer as a polynomial in descending order below, and use the caret (^) for exponents. For example, you would write $4x^2$ as 4x^2.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 15a of 15 (3 Arranging polynomials to combine like terms 120231)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(x^7 + 2x^5 - 5x^3 + 17x) + (x^6 - 2x^4 - x^2 + 17)$.

	Choice	Feedback
*A.	$x^7 + x^6 + 2x^5 - 2x^4 - 5x^3 - x^2 + 17x + 17$	
B.	$2x^7 + 4x^6 + 2x^5 - x^4 - 6x^3 - x^2 + 17x + 17$	
C.	$x^6 - 5x^4 - 2x^3 - x^2 + 15x$	
D.	$x^6 - 5x^4 - 2x^3 - x^2 + 12x$	

Global Incorrect Feedback
The correct answer is: $x^7 + x^6 + 2x^5 - 2x^4 - 5x^3 - x^2 + 17x + 17$.

Question 15b of 15 (3 Arranging polynomials to combine like terms 283318)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(x^8 + 3x^6 - 4x^4 + 10x) + (2x^7 - 4x^5 - x^3 + 10)$.

	Choice	Feedback
A.	$2x^7 + 4x^6 + 2x^5 - 2x^4 - 5x^3 - x^2 + 17x + 17$	
B.	$x^8 + 2x^7 + 3x^6 - 4x^5 - 4x^4 + x^2 + 9x + 10$	
*C.	$x^8 + 2x^7 + 3x^6 - 4x^5 - 4x^4 - x^3 + 10x + 10$	
D.	$3x^7 - 7x^5 - x^2 + 20$	

Global Incorrect Feedback
The correct answer is: $x^8 + 2x^7 + 3x^6 - 4x^5 - 4x^4 - x^3 + 10x + 10$.

Question 15c of 15 (3 Arranging polynomials to combine like terms 283319)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the sum: $(2x^7 + x^5 - 3x^3 + 12x) + (3x^6 - 5x^4 - 3x^2 + 20)$.

	Choice	Feedback
A.	$4x^7 + x^6 - 2x^5 + 2x^4 - 5x^3 - x^2 + 17x + 20$	
***B.**	$2x^7 + 3x^6 + x^5 - 5x^4 - 3x^3 - 3x^2 + 12x + 20$	
C.	$2x^7 + 3x^6 + x^5 - 5x^4 - 3x^3 - 3x^2 + 17x + 20$	
D.	$2x^6 - 3x^4 - 2x^3 - x^2 + 20x$	

Global Incorrect Feedback
The correct answer is: $2x^7 + 3x^6 + x^5 - 5x^4 - 3x^3 - 3x^2 + 12x + 20$.