

**Quiz: Polynomial Addition**

**Question 1a of 14** ( 3 Finding the sum of two polynomials 91070 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $10x^8-x+13$ ,  $10x^8-1x+13$ ,  $10x^8-x^1+13$ ,  $10x^8-1x^1+13$   
**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $10x^8 - x + 13$ .

**Question 1b of 14** ( 3 Finding the sum of two polynomials 283335 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $8x^6+x+14$ ,  $8x^6+1x+14$ ,  $8x^6+x^1+14$ ,  $8x^6+1x^1+14$   
**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$(x^6 + x + 9) + (7x^6 + 5)$$

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $8x^6 + x + 14$ .

**Question 1c of 14** ( 3 Finding the sum of two polynomials 283336 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $11x^9-x+15$ ,  $11x^9-1x+15$ ,  $11x^9-x^1+15$ ,  $11x^9-1x^1+15$   
**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$(x^9 - x + 8) + (10x^9 + 7)$$

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $11x^9 - x + 15$ .

### Question 2a of 14 ( 3 Finding the sum of two polynomials 91071 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $4x^8-x+2$ ,  $4x^8-1x+2$ ,  $4x^8-x^1+2$ ,  $4x^8-1x^1+2$   
**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $4x^8 - x + 2$ .

### Question 2b of 14 ( 3 Finding the sum of two polynomials 283337 )

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

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

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $5x^7 + x + 3$ .

### Question 2c of 14 ( 3 Finding the sum of two polynomials 283338 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $9x^6+x+4$ ,  $9x^6+1x+4$ ,  $9x^6+x^1+4$ ,  $9x^6+1x^1+4$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $1x^2$  as  $4x^2$ .

$$(x^6 + x) + (8x^6 + 4)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

### Question 3a of 14 ( 3 Finding the sum of two polynomials 91072 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2  
**Question:** Which polynomial represents the sum below?

$$(2x^6 + 3x^2 + 9) + (3x^2 + x + 8)$$

	Choice	Feedback
A.	$2x^6 + 6x^3 + 17$	
B.	$5x^8 + 3x^2 + x + 17$	
*C.	$2x^6 + 6x^2 + x + 17$	
D.	$5x^8 + 3x^4 + x + 17$	

Global Incorrect Feedback
The correct answer is: $2x^6 + 6x^2 + x + 17$ .

### Question 3b of 14 ( 3 Finding the sum of two polynomials 283339 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2  
**Question:** Which polynomial represents the sum below?

$$(4x^5 + 6x^3 + 3) + (3x^3 + x + 9)$$

	Choice	Feedback
*A.	$4x^5 + 9x^3 + x + 12$	
B.	$4x^{10} + 9x^6 + 10$	
C.	$12x^5 + 5x^6 + 2x + 12$	
D.	$4x^5 + 9x^6 + x + 12$	

**Global Incorrect Feedback**The correct answer is:  $4x^5 + 9x^3 + x + 12$ .**Question 3c of 14** ( 3 Finding the sum of two polynomials 283340 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

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

	Choice	Feedback
A.	$16x^8 + x^2 + 2$	
B.	$2x^8 + 8x^4 + 2x^2 + 2$	
C.	$x^{16} + 16x^8 + x^2 + 2$	
*D.	$x^8 + 4x^4 + x^2 + 2$	

**Global Incorrect Feedback**The correct answer is:  $x^8 + 4x^4 + x^2 + 2$ .**Question 4a of 14** ( 3 Finding the sum of two polynomials 91073 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

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

	Choice	Feedback
*A.	$-x^3 + 6x^2 + x + 7$	
B.	$-x^3 + 9x^2 + x + 7$	
C.	$2x^6 + x + 7$	
D.	$2x^5 - x + 7$	

**Global Incorrect Feedback**The correct answer is:  $-x^3 + 6x^2 + x + 7$ .**Question 4b of 14** ( 3 Finding the sum of two polynomials 283341 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

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

	Choice	Feedback
A.	$-x^7 + 8x^6 + x + 7$	
*B.	$-x^4 + 8x^3 + x + 3$	
C.	$x^8 + 8x^7 + x + 3$	
D.	$-x^4 + 4x^6 + x + 3$	

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

**Question 4c of 14** ( 3 Finding the sum of two polynomials 283342 )

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: Which polynomial represents the sum below?

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

	Choice	Feedback
A.	$-2x^5 + 10x^2 + 6x + 9$	
B.	$-x^6 + 6x^2 + 12x + 9$	
*C.	$-2x^3 + 6x^2 + 6x + 9$	
D.	$-2x^3 + 6x + 9$	

Global Incorrect Feedback
The correct answer is: $-2x^3 + 6x^2 + 6x + 9$ .

**Question 5a of 14** ( 3 Finding the sum of two polynomials 91074 )

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: Which polynomial represents the sum below?

	Choice	Feedback
*A.	$5x^9 + 2x^7 + 13x + 4$	
B.	$5x^9 + 7x^7 + 13x + 4$	
C.	$7x^9 + 13x + 4$	
D.	$7x^{16} + 13x + 4$	

Global Incorrect Feedback
The correct answer is: $5x^9 + 2x^7 + 13x + 4$ .

**Question 5b of 14** ( 3 Finding the sum of two polynomials 283343 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** Which polynomial represents the sum below?

$$\begin{aligned} & 7x^6 + 4x + 3 \\ + & 3x^8 + 6x \end{aligned}$$

	Choice	Feedback
A.	$6x^{14} + 4x + 3$	
B.	$3x^8 + 10x^7 + 13x + 4$	
*C.	$3x^8 + 3x^6 + 10x + 3$	
D.	$3x^8 + x^6 + 4x + 3$	

<b>Global Incorrect Feedback</b>
The correct answer is: $3x^8 + 3x^6 + 10x + 3$ .

**Question 5c of 14** ( 3 Finding the sum of two polynomials 283344 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** Which polynomial represents the sum below?

$$\begin{aligned} & 3x^9 + 7x + 3 \\ + & 2x^9 + 19x \end{aligned}$$

	Choice	Feedback
A.	$8x^9 + 3x^6 + 19x + 3$	
*B.	$5x^9 + 3x^6 + 19x + 3$	
C.	$5x^9 + 19x + 4$	
D.	$5x^{15} + 19x + 3$	

<b>Global Incorrect Feedback</b>
The correct answer is: $5x^9 + 3x^6 + 19x + 3$ .

**Question 6a of 14** ( 3 Finding the sum of two polynomials 91075 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** Which polynomial represents the sum below?

	Choice	Feedback
A.	$3x^3 + 8x^2 + 2x + 12$	
B.	$11x^5 + 9x + 12$	
C.	$11x^5 + 6x + 15$	
*D.	$3x^3 + 8x^2 + 9x + 12$	

Global Incorrect Feedback
The correct answer is: $3x^3 + 8x^2 + 9x + 12$ .

**Question 6b of 14** ( 3 Finding the sum of two polynomials 283345 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2  
**Question:** Which polynomial represents the sum below?

$$\begin{array}{r} 10x^2 + 3x + 5 \\ + 2x^3 + 9x + 5 \\ \hline \end{array}$$

	Choice	Feedback
A.	$12x^5 + 3x + 10$	
B.	$10x^3 + 2x^2 + 10$	
*C.	$2x^3 + 10x^2 + 9x + 10$	
D.	$2x^3 + 12x^2 + 9x + 10$	

Global Incorrect Feedback
The correct answer is: $2x^3 + 10x^2 + 9x + 10$ .

**Question 6c of 14** ( 3 Finding the sum of two polynomials 283346 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2  
**Question:** Which polynomial represents the sum below?

	Choice	Feedback
*A.	$3x^4 + 9x^2 + 3x + 4$	
B.	$12x^6 + 9x + 4$	
C.	$3x^6 + 9x^2 + 3x + 4$	
D.	$3x^4 + 9x + 4$	

Global Incorrect Feedback
The correct answer is: $3x^4 + 9x^2 + 3x + 4$ .

**Question 7a of 14** ( 1 Finding the sum of two polynomials 91076 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** Which polynomial represents the sum below?

$$\begin{aligned} & 6x^7 + 4x^2 - x + 7 \\ + & \quad \quad \quad (x^9 + 6x^7) \end{aligned}$$

	Choice	Feedback
A.	$10x^{16} + 12x^4 + 9x + 14$	
B.	$4x^9 - 6x^7 + 4x^4 - 7x + 14$	
*C.	$4x^9 + 6x^7 + 4x^4 + 7x + 14$	
D.	$10x^{16} + 12x^5 + 7x + 14$	

Global Incorrect Feedback
The correct answer is: $4x^9 + 6x^7 + 4x^4 + 7x + 14.$

**Question 7b of 14** ( 1 Finding the sum of two polynomials 283347 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** Which polynomial represents the sum below?

$$\begin{aligned} & 6x^{14} + 2x^2 - 2x - 0 \\ + & \quad \quad \quad 2x^8 + 4x^6 \end{aligned}$$

	Choice	Feedback
A.	$6x^{14} - 2x^4 + 6x + 10$	
*B.	$2x^8 + 4x^6 + 2x^5 + 2x + 10$	
C.	$6x^{14} + 6x^6 + 2x + 10$	
D.	$2x^8 + 4x^6 + 7x^5 + 2x + 10$	

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

**Question 7c of 14** ( 1 Finding the sum of two polynomials 283348 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** Which polynomial represents the sum below?



	Choice	Feedback
A.	$12x^{18} + 14x^4 + 8x + 16$	
B.	$5x^{10} - 7x^8 + 5x^5 - 9x + 16$	
C.	$12x^{16} + 4x^4 + 7x + 16$	
*D.	$5x^{10} + 7x^8 + 5x^5 + 8x + 16$	

Global Incorrect Feedback
The correct answer is: $5x^{10} + 7x^8 + 5x^5 + 8x + 16.$

### Question 8a of 14 ( 3 Finding the sum of two polynomials 91077 )

Maximum Attempts: 1  
 Question Type: Multiple Choice  
 Maximum Score: 2  
 Question: Which polynomial represents the sum below?

$$\begin{array}{r} 6x^7 + 7x^3 - x + 9 \\ + 2x^7 + 7x^6 + 6 \end{array}$$

	Choice	Feedback
A.	$8x^7 + 7x^6 - 9x^3 + x - 15$	
B.	$8x^{14} + 7x^{12} - 9x^3 - x + 10$	
*C.	$8x^7 + 7x^6 + 9x^3 - x + 15$	
D.	$8x^{14} + 7x^6 - 9x^3 - x + 10$	

Global Incorrect Feedback
The correct answer is: $8x^7 + 7x^6 + 9x^3 - x + 15.$

### Question 8b of 14 ( 3 Finding the sum of two polynomials 283349 )

Maximum Attempts: 1  
 Question Type: Multiple Choice  
 Maximum Score: 2  
 Question: Which polynomial represents the sum below?

	Choice	Feedback
A.	$8x^{16} + 5x^5 + 8x^2 - x + 14$	
B.	$8x^8 + 5x^7 + 8x^2 - x + 14$	
*C.	$8x^8 + 5x^5 + 8x^2 - x + 14$	
D.	$8x^{16} + 12x^6 - 9x^3 - x + 10$	

Global Incorrect Feedback
The correct answer is: $8x^8 + 5x^5 + 8x^2 - x + 14.$

### Question 8c of 14 ( 3 Finding the sum of two polynomials 283350 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2  
**Question:** Which polynomial represents the sum below?

$$\begin{array}{r} 7x^3 + 8x^2 - x + 1 \\ - (3x^6 + 5x^5 + x) \\ \hline \end{array}$$

	Choice	Feedback
A.	$5x^6 + 5x^5 - 8x^2 + x - 2$	
*B.	$5x^6 + 5x^5 + 8x^2 - x + 2$	
C.	$5x^{12} + 7x^7 + 8x^3 - x + 2$	
D.	$5x^{12} + 13x^{10} - 8x^3 - x + 2$	

<b>Global Incorrect Feedback</b>
The correct answer is: $5x^6 + 5x^5 + 8x^2 - x + 2$ .

### Question 9a of 14 ( 3 Finding the sum of two polynomials 120233 )

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

$$(x^7 + 4x^6 - x^2 + 2) + (2x^6 + 3x^5 + x^2 - 6x)$$

Attempt	Incorrect Feedback
1st	
	Correct Feedback
	Global Incorrect Feedback
	The correct answer is: $x^7 + 6x^6 + 3x^5 - 6x + 2$

### Question 9b of 14 ( 3 Finding the sum of two polynomials 283351 )

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

$$(2x^7 + 5x^6 - 3x^2 + 4) + (-x^6 - 2x^5 - 1x^2 + 5x)$$

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $2x^7 + 4x^6 - 2x^5 - 4x^2 + 5x + 4.$

**Question 9c of 14** ( 3 Finding the sum of two polynomials 283352 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $3x^7+3x^6-x^5-3x^2+8x+4, 3x^7+3x^6-x^5-3x^2+8x^1+4, 3x^7+3x^6-1x^5-3x^2+8x+4$   
**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$(3x^7 + 6x^6 - 2x^2 + 4) + (-3x^6 - x^5 - x^2 + 8x)$$

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $3x^7 + 3x^6 - x^5 - 3x^2 + 8x + 4.$

**Question 10a of 14** ( 3 Finding the sum of two polynomials 120234 )

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

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

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $5x^4 + x^3 - 1.$

### Question 10b of 14 ( 3 Finding the sum of two polynomials 283353 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $7x^4+2x^3-x^2-x+1$ ,  $7x^4+2x^3-1x^2-1x+1$ ,  $7x^4+2x^3-x^2-x^1+1$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$(5x^4 - 3x^2 - 2x) + (2x^4 + 2x^3 + 2x^2 + x + 1)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $7x^4 + 2x^3 - x^2 - x + 1$ .

### Question 10c of 14 ( 3 Finding the sum of two polynomials 283354 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $8x^4+2x^3-2$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

### Question 11a of 14 ( 3 Finding the sum of two polynomials 120235 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2  
**Question:** Which polynomial represents the sum below?

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

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

**Global Incorrect Feedback**The correct answer is:  $-2x^6 - 3x^5 + 8x + 2$ .**Question 11b of 14** ( 3 Finding the sum of two polynomials 283355 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

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

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

**Global Incorrect Feedback**The correct answer is:  
 $-3x^6 - 4x^5 + 2x^2 + 8x + 4$ .**Question 11c of 14** ( 3 Finding the sum of two polynomials 283356 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

$$(8x^2 + 5x + 3) + (-5x^6 - 2x^5 - 4x^2 - 2x)$$

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

**Global Incorrect Feedback**The correct answer is:  
 $-5x^6 - 2x^5 + 4x^2 + 3x + 3$ .**Question 12a of 14** ( 3 Finding the sum of two polynomials 120237 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

$$(16x^2 - 16) + (-12x^2 - 12x + 12)$$

	Choice	Feedback
A.	$28x^2 - 28x - 12$	
*B.	$4x^2 - 12x - 4$	
C.	$16x^2 - 28x - 16$	
D.	$16x^3 - 12x^2 + 28x - 16$	

**Global Incorrect Feedback**The correct answer is:  $4x^2 - 12x - 4$ .**Question 12b of 14** ( 3 Finding the sum of two polynomials 283357 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

$$(14x^2 - 14) + (-10x^2 - 10x + 10)$$

	Choice	Feedback
A.	$24x^2 - 24x - 10$	
B.	$14x^3 + 4x^2 + 10x - 4$	
*C.	$4x^2 - 10x - 4$	
D.	$14x^2 - 10x - 4$	

**Global Incorrect Feedback**The correct answer is:  $4x^2 - 10x - 4$ .**Question 12c of 14** ( 3 Finding the sum of two polynomials 283358 )**Maximum Attempts:** 1**Question Type:** Multiple Choice**Maximum Score:** 2**Question:** Which polynomial represents the sum below?

$$(18x^2 - 18) + (-13x^2 - 13x + 13)$$

	Choice	Feedback
*A.	$5x^2 - 13x - 5$	
B.	$31x^2 - 31x - 5$	
C.	$18x^3 - 13x^2 + 31x - 18$	
D.	$18x^2 - 31x - 18$	

**Global Incorrect Feedback**The correct answer is:  $5x^2 - 13x - 5$ .

### Question 13a of 14 ( 3 Finding the sum of two polynomials 120239 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $-x^5-2x^4-2x^3+x^2+8x-1, -1x^5-2x^4-2x^3+1x^2+8x-1, -x^5-2x^4-2x^3+x^2+8x^1-1, -1x^5-2x^4-2x^3+1x^2+8x^1-1$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$\begin{array}{r} 2x^5 - 2x^3 + x^2 + 4x - 1 \\ + \quad 3x^5 - 2x^4 - x^2 + 4x - 1 \\ \hline \end{array}$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-x^5 - 2x^4 - 2x^3 + x^2 + 8x - 1.$

### Question 13b of 14 ( 3 Finding the sum of two polynomials 283359 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $-3x^5-2x^4-2x^3+x^2+2x-1, -3x^5-2x^4-2x^3+x^2+2x^1-1, -3x^5-2x^4-2x^3+1x^2+2x-1, -3x^5-2x^4-2x^3+1x^2+2x^1-1$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$\begin{array}{r} x^5 - 4x^3 + x^2 + 4x - 1 \\ + \quad 4x^5 - 2x^4 - 2x^3 - 2x - 1 \\ \hline \end{array}$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-3x^5 - 2x^4 - 2x^3 + x^2 + 2x - 1.$

### Question 13c of 14 ( 3 Finding the sum of two polynomials 283360 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $-2x^5-3x^4+4x^3+2x^2+12x+3, -2x^5-3x^4+4x^3+2x^2+12x+3$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$\begin{array}{r} x^5 + 2x^3 + 2x^2 + 2x + 3 \\ + (-3x^5 - 5x^4 + 2x^2 + 6x) \\ \hline \end{array}$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

### Question 14a of 14 ( 3 Finding the sum of two polynomials 120240 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $-3x^5-x^2-8x+10, -3x^5-x^2-8x+1+10, -3x^5-1x^2-8x+10, -3x^5-1x^2-8x+1+10$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$\begin{array}{r} 2x^2 - 5x^2 - 4x + 5 \\ + (-3x^5 - 2x^2 + 7x^2 - 4x + 7) \\ \hline \end{array}$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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



### Question 14b of 14 ( 3 Finding the sum of two polynomials 283361 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $-4x^5-3x^2-10x+8, -4x^5-3x^2-10x+8$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$\begin{array}{r} 5x^3 - 4x^2 - 5x + 3 \\ + -4x^5 - 3x^2 + x^2 - 5x + 5 \\ \hline \end{array}$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

### Question 14c of 14 ( 3 Finding the sum of two polynomials 283362 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $-5x^5-3x^2-4x+7, -5x^5-3x^2-4x+7$

**Question:** Find the sum and enter it in the box below. Enter your answer as a polynomial in descending order, and use the caret (^) for exponents. For example, you would write  $4x^2$  as  $4x^2$ .

$$\begin{array}{r} 5x^3 - 4x^2 - 2x + 3 \\ + -5x^5 - 3x^2 + x^2 - 2x + 4 \\ \hline \end{array}$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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