

PREVIEW

CLOSE

Quiz: Finding Products of Binomials

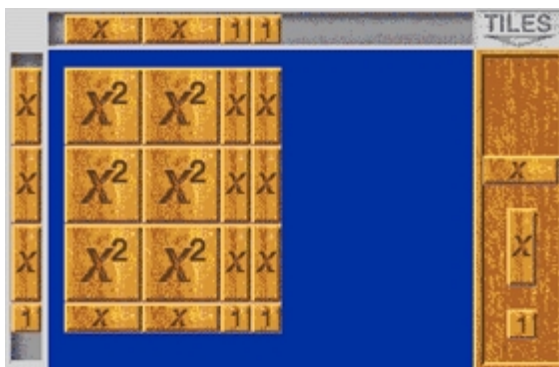
**Question 1a of 14** ( 2 Using tiles to represent the product of linear polynomial 91118 )

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What are the factors of the product represented below?



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

**Global Incorrect Feedback**  
 The correct answer is:  $(3x + 1)(2x + 2)$ .

**Question 1b of 14** ( 2 Using tiles to represent the product of linear polynomial 283401 )

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What are the factors of the product represented below?

	Choice	Feedback
<b>*A.</b>	$(2x + 1)(3x + 1)$	
<b>B.</b>	$(5x + 1)(x + 1)$	
<b>C.</b>	$(2x^2 + 1)(3x^2 + 1)$	
<b>D.</b>	$(3x + 1)(2x + 2)$	

<b>Global Incorrect Feedback</b>
The correct answer is: $(2x + 1)(3x + 1)$ .

**Question 1c of 14** ( 2 Using tiles to represent the product of linear polynomial 283402 )

**Maximum Attempts:**

1

**Question Type:**

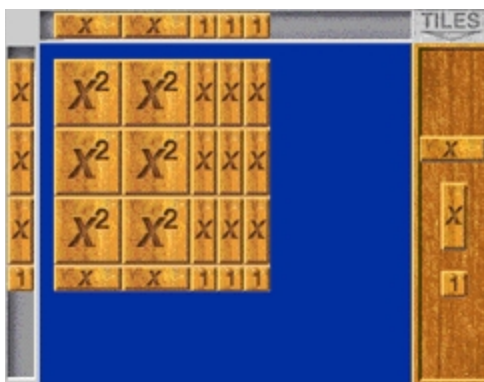
Multiple Choice

**Maximum Score:**

2

**Question:**

What are the factors of the product represented below?



	Choice	Feedback
<b>A.</b>	$(6x^2 + 2x)(6x + 2)$	
<b>*B.</b>	$(3x + 1)(2x + 3)$	
<b>C.</b>	$(2x^2 + 3x)(3x^2 + 1x)$	
<b>D.</b>	$(6x + 1)(2x + 3)$	

<b>Global Incorrect Feedback</b>
The correct answer is: $(3x + 1)(2x + 3)$ .

**Question 2a of 14** ( 2 Using tiles to represent the product of linear polynomial 91119 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** What are the factors of the product represented below?



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

<b>Global Incorrect Feedback</b>
The correct answer is: $(x + 2)(2x + 1)$ .

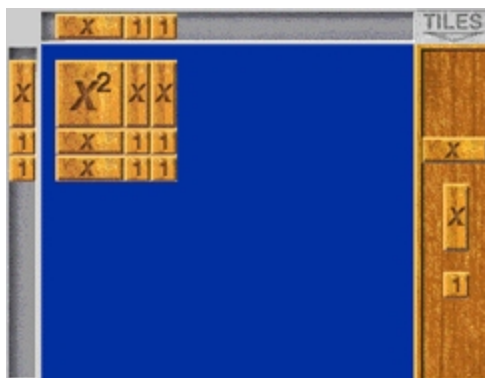
**Question 2b of 14** ( 2 Using tiles to represent the product of linear polynomial 283403 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** What are the factors of the product represented below?



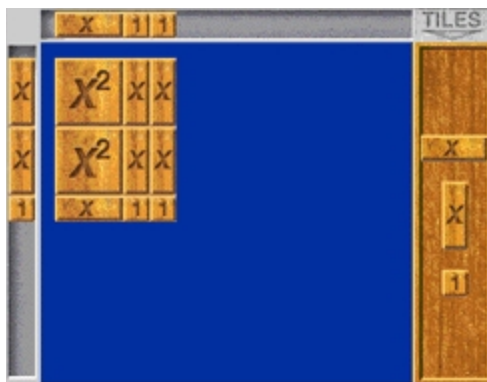
	Choice	Feedback
A.	$(x^2 + 2x)(x^2 + x)$	
*B.	$(x + 2)(x + 2)$	
C.	$(x + 2)(2x + 1)$	
D.	$(x + 1)(x + 4)$	

<b>Global Incorrect Feedback</b>
The correct answer is: $(x + 2)(x + 2)$ .

**Question 2c of 14** ( 2 Using tiles to represent the product of linear polynomial 283404 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2

**Question:** What are the factors of the product represented below?



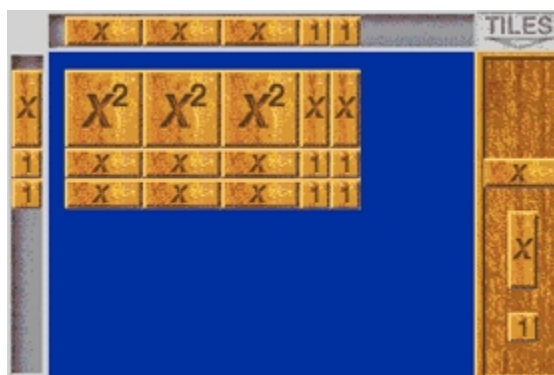
	Choice	Feedback
A.	$(2x^2 + 1)(x^2 + 2)$	
B.	$(2x + 2)(2x + 2)$	
C.	$(2x + 2)(x + 2)$	
*D.	$(2x + 1)(x + 2)$	

<b>Global Incorrect Feedback</b>
The correct answer is: $(2x + 1)(x + 2)$ .

**Question 3a of 14** ( 2 Using tiles to represent the product of linear polynomial 91120 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2

**Question:** What are the factors of the product represented below?



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

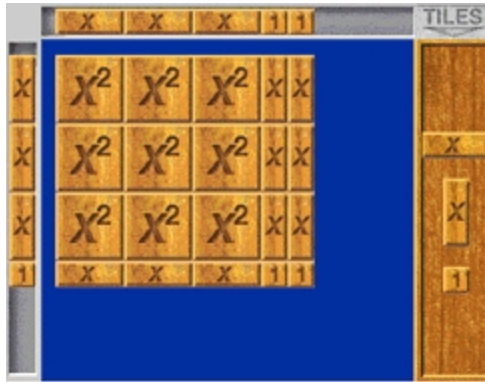
**Global Incorrect Feedback**

The correct answer is:  $(x + 2)(3x + 2)$ .

**Question 3b of 14** ( 2 Using tiles to represent the product of linear polynomial 283405 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2

**Question:** What are the factors of the product represented below?



	Choice	Feedback
A.	$(3x + 1x)(3x + 2)$	
B.	$(3x + 1)(2x + 2)$	
C.	$(3x^3 + 2)(3x^3 + 2)$	
*D.	$(3x + 2)(3x + 1)$	

**Global Incorrect Feedback**

The correct answer is:  $(3x + 2)(3x + 1)$ .

**Question 3c of 14** ( 2 Using tiles to represent the product of linear polynomial 283406 )

**Maximum Attempts:** 1  
**Question Type:** Multiple Choice  
**Maximum Score:** 2

**Question:** What are the factors of the product represented below?

	Choice	Feedback
A.	$(2x + 3x)(x^2 + 4)$	
B.	$(3x + 2)(4x + 1)$	
C.	$(x + 2)(3x + 12)$	
*D.	$(x + 4)(2x + 3)$	

<b>Global Incorrect Feedback</b>
The correct answer is: $(x + 4)(2x + 3)$ .

**Question 4a of 14** ( 2 Using tiles to represent the product of linear polynomial 91121 )

Maximum Attempts: 1

Question Type: Multiple Choice

Maximum Score: 2

Question: What are the factors of the product represented below?



	Choice	Feedback
A.	$(5x + 1)(2x + 2)$	
*B.	$(4x + 1)(3x + 2)$	
C.	$(12x + 1)(1x + 2)$	
D.	$(4x + 2)(3x + 1)$	

<b>Global Incorrect Feedback</b>
The correct answer is: $(4x + 1)(3x + 2)$ .

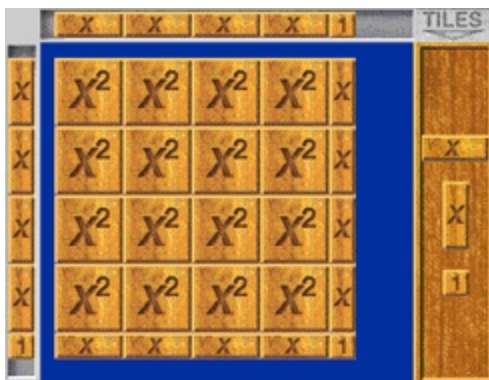
**Question 4b of 14** ( 2 Using tiles to represent the product of linear polynomial 283407 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** What are the factors of the product represented below?



	Choice	Feedback
A.	$(4x + 1)(4x + 4)$	
B.	$(4x + 1)(3x + 2)$	
C.	$(16x + 1)(x + 1)$	
*D.	$(4x + 1)(4x + 1)$	

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

**Question 4c of 14** ( 2 Using tiles to represent the product of linear polynomial 283408 )

**Maximum Attempts:** 1

**Question Type:** Multiple Choice

**Maximum Score:** 2

**Question:** What are the factors of the product represented below?



	Choice	Feedback
*A.	$(4x + 1)(2x + 3)$	
B.	$(2x + 1)(4x + 3)$	
C.	$(8x + 1)(x + 2)$	
D.	$(4x + 2)(3x + 1)$	

**Global Incorrect Feedback**  
The correct answer is:  $(4x + 1)(2x + 3)$ .

**Question 5a of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 91122 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $12x^2+34x+14$ ,  $12x^2+34x^1+14$ **Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $12x^2 + 34x + 14$ .

**Question 5b of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283409 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $6x^2+26x+24$ ,  $6x^2+26x^1+24$ **Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $6x^2 + 26x + 24$ .

**Question 5c of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283410 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $6x^2+21x+15$ ,  $6x^2+21x^1+15$ **Question:** Find the product 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  $4x^2$ .

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



Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $6x^2 + 21x + 15$ .

### Question 6a of 14 ( 3 Using the distributive property or FOIL method to multiply two binomials 91123 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $9x^2+30x+16$ ,  $9x^2+30x^1+16$

**Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $9x^2 + 30x + 16$ .

### Question 6b of 14 ( 3 Using the distributive property or FOIL method to multiply two binomials 283411 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $4x^2+20x+24$ ,  $4x^2+20x^1+24$

**Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $4x^2 + 20x + 16$ .

**Question 6c of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283412 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $25x^2+45x+8$ ,  $25x^2+45x^1+8$ **Question:** Find the product 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  $4x^2$ .

$$(5x + 1)(5x + 8)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $25x^2 + 45x + 8$ .

**Question 7a of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 91124 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $8x^2+68x+32$ ,  $8x^2+68x^1+32$ **Question:** Find the product 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  $4x^2$ .

$$(8x + 4)(x + 8)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $8x^2 + 68x + 32$ .

**Question 7b of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283413 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $7x^2+52x+21$ ,  $7x^2+52x^1+21$ **Question:** Find the product 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  $4x^2$ .

$$(7x + 3)(x + 7)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $7x^2 + 52x + 21$ .

### Question 7c of 14 ( 3 Using the distributive property or FOIL method to multiply two binomials 283414 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $9x^2+84x+27$ ,  $9x^2+84x^1+27$

**Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $9x^2 + 84x + 27$ .

### Question 8a of 14 ( 3 Using the distributive property or FOIL method to multiply two binomials 91125 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $21x^2+75x+36$ ,  $21x^2+75x^1+36$

**Question:** Find the product 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  $4x^2$ .

$$(7x + 4)(3x + 9)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $21x^2 + 75x + 36$ .

**Question 8b of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283415 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $36x^2+83x+35, 36x^2+83x^1+35$

**Question:** Find the product 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  $4x^2$ .

$$(9x + 5)(4x + 7)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $36x^2 + 83x + 35$ .

**Question 8c of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283416 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $24x^2+56x+16, 24x^2+56x^1+16$

**Question:** Find the product 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  $4x^2$ .

$$(6x + 2)(4x + 8)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $24x^2 + 56x + 16$ .

**Question 9a of 14** ( 1 Using the distributive property to multiply two binomials 120241 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:** distributive, distributiv

**Question:** You can find the product of any two binomials using the \_\_\_\_\_ property.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	<b>Global Incorrect Feedback</b>
	The correct answer is: distributive.

**Question 9b of 14** ( 1 Using the distributive property to multiply two binomials 283417 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:** distributive, distributiv

**Question:** You can find the product of any two binomials using the \_\_\_\_\_ property.

<b>Attempt</b>	<b>Incorrect Feedback</b>
1st	

	<b>Correct Feedback</b>

	<b>Global Incorrect Feedback</b>
	The correct answer is: distributive.

**Question 9c of 14** ( 1 Using the distributive property to multiply two binomials 283418 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:** distributive, distributiv

**Question:** You can find the product of any two binomials using the \_\_\_\_\_ property.

<b>Attempt</b>	<b>Incorrect Feedback</b>
1st	

	<b>Correct Feedback</b>

	<b>Global Incorrect Feedback</b>
	The correct answer is: distributive.

**Question 10a of 14** ( 3 Using the distributive property to multiply two binomials 120242 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $5x+30$ ,  $5x^1+30$

**Question:** Find the product 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 \_\_\_\_\_ as  $4x^2$ .

$5(x + 6)$

<b>Attempt</b>	<b>Incorrect Feedback</b>
1st	

	<b>Correct Feedback</b>

	<b>Global Incorrect Feedback</b>
	The correct answer is: $5x + 30$ .

### Question 10b of 14 ( 3 Using the distributive property to multiply two binomials 283419 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $4x+28$ ,  $4x^1+28$

**Question:** Find the product 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  $4x^2$ .

$$4(x + 7)$$

<b>Attempt</b>	<b>Incorrect Feedback</b>
1st	

	<b>Correct Feedback</b>

	<b>Global Incorrect Feedback</b>
	The correct answer is: $4x + 28$ .

### Question 10c of 14 ( 3 Using the distributive property to multiply two binomials 283420 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $6x+42$ ,  $6x^1+42$

**Question:** Find the product 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  $4x^2$ .

$$6(x + 7)$$

<b>Attempt</b>	<b>Incorrect Feedback</b>
1st	

	<b>Correct Feedback</b>

	<b>Global Incorrect Feedback</b>
	The correct answer is: $6x + 42$ .

**Question 11a of 14** ( 3 Using the distributive property to multiply two binomials 120244 )

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

**Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

**Question 11b of 14** ( 3 Using the distributive property to multiply two binomials 283421 )

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

**Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

**Question 11c of 14** ( 3 Using the distributive property to multiply two binomials 283422 )

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

**Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

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

### Question 12a of 14 ( 3 Using the distributive property or FOIL method to multiply two binomials 120246 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $6x^2+8x+2$ ,  $6x^2 + 8x^1 + 2$

**Question:** Find the product 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  $4x^2$ .

$$(6x + 2)(x + 1)$$

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

### Question 12b of 14 ( 3 Using the distributive property or FOIL method to multiply two binomials 283423 )

**Maximum Attempts:** 1

**Question Type:** Text Fill In Blank

**Maximum Score:** 2

**Is Case Sensitive:** false

**Correct Answer:**  $5x^2+11x+2$ ,  $5x^2+11x^1+2$

**Question:** Find the product 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  $4x^2$ .

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

<b>Attempt</b>	<b>Incorrect Feedback</b>
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $5x^2 + 10x + 2$ .



**Question 12c of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283424 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $4x^2+7x+3$ ,  $4x^2+7x^1+3$ **Question:** Find the product 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  $4x^2$ .

$$(4x + 3)(x + 1)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

**Question 13a of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 120247 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $-2x^4+18$ ,  $2(-x^4+9)$ ,  $-2(x^4-9)$ ,  $2(-1x^4+9)$ ,  $-2(1x^4-9)$ **Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

**Question 13b of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283425 )**Maximum Attempts:** 1**Question Type:** Text Fill In Blank**Maximum Score:** 2**Is Case Sensitive:** false**Correct Answer:**  $-2x^4+32$ ,  $2(-x^4+16)$ ,  $-2(x^4-16)$ ,  $2(-1x^4+16)$ ,  $-2(1x^4-16)$ **Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $-2x^4 + 32$ .

**Question 13c of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283426 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $-2x^4+50$ ,  $2(-x^4+25)$ ,  $-2(x^4-25)$ ,  $2(-1x^4+25)$ ,  $-2(1x^4-25)$   
**Question:** Find the product 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  $4x^2$ .

$$(2x^2 + 10)(5 - x^2)$$

Attempt	Incorrect Feedback
1st	
	<b>Correct Feedback</b>
	<b>Global Incorrect Feedback</b>
	The correct answer is: $-2x^4 + 50$ .

**Question 14a of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 120249 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $4x^5-5x^3-6x$ ,  $4x^5-5x^3-6x^1$   
**Question:** Find the product 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  $4x^2$ .

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

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

**Question 14b of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283427 )

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

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

**Question 14c of 14** ( 3 Using the distributive property or FOIL method to multiply two binomials 283428 )

**Maximum Attempts:** 1  
**Question Type:** Text Fill In Blank  
**Maximum Score:** 2  
**Is Case Sensitive:** false  
**Correct Answer:**  $5x^5-13x^3-6x$ ,  $5x^5-13x^3-6x^1$   
**Question:** Find the product 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  $4x^2$ .

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $5x^5 - 13x^3 - 6x$ .