PREVIEW   CLOSE

Quiz: Polynomial Division

Question 1a of 15 (3 Division of Polynomials 482984)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	18x^7 + 2x^4 - x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as $x{\wedge}2$.

$$(72x^8 + 8x^5 - 4x^2) \div (4x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $18x^7 + 2x^4 - x$.

Question 1b of 15 (3 Division of Polynomials 482985)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	12x^6 - 2x^5 + 3x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as $x{\wedge}2$.

$$(48x^8 - 8x^7 + 12x^3) \div (4x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 1c of 15 (3 Division of Polynomials 482986)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	2x^2 - 7x + 1
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as $x{\wedge}2$.

$$(16x^3 - 56x^2 + 8x) \quad (8x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 2a of 15 (3 Division of Polynomials 482987)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	3x^2 - x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(21x^3 - 7x^2) \div (7x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 2b of 15 (3 Division of Polynomials 482988)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-2x^3 - 3x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-8x^7 - 12x^5) \quad (4x^4)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 2c of 15 (3 Division of Polynomials 482989)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	3x^3 - 4x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(9x^6 - 12x^4) \div (3x^3)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 3a of 15 (3 Division of Polynomials 482990)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	x^4 - 2x^3 - 3
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(5x^6 - 10x^5 - 15x^2) \div (5x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 3b of 15 (3 Division of Polynomials 482991)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-2x^4 + 6x^2 + 1
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-6x^7 + 18x^5 + 3x^3) \quad (3x^3)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-2x^4 + 6x^2 + 1$.

Question 3c of 15 (3 Division of Polynomials 482992)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-x^2 + 5x + 2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-4x^3 + 20x^2 + 8x) \div (4x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 4a of 15 (3 Division of Polynomials 482993)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-2x^5 - 3x + 9
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(6x^6 + 9x^2 - 27x) \div (-3x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 4b of 15 (3 Division of Polynomials 482994)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-4x^4 - x^2 + 2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(16x^5 + 4x^3 - 8x) \quad (-4x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 4c of 15 (3 Division of Polynomials 482995)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-9x^2 - 2x + 4
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(45x^3 + 10x^2 - 20x) \div (-5x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 5a of 15 (3 Division of Polynomials 482996)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-5x^2 - 8x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(40x^3 + 64x^2) \quad (-8x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 5b of 15 (3 Division of Polynomials 482997)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-4x^4 + 2x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(36x^5 - 18x^2) \div (-9x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 5c of 15 (3 Division of Polynomials 482998)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-x^5 + 2x^2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(11x^6 - 22x^3) \div (-11x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 6a of 15 (3 Division of Polynomials 482999)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	10x^4 - 4x^3 + x - 3
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(50x^6 - 20x^5 + 5x^3 - 15x^2) \quad (5x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 6b of 15 (3 Division of Polynomials 483000)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	8x^3 + 4x^2 - 3x + 3
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(40x^5 + 20x^4 - 15x^3 + 15x^2) \div (5x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 6c of 15 (3 Division of Polynomials 483001)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-15x^5 + 18x^4 + 4x + 3
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-60x^7 + 72x^6 + 16x^3 + 12x^2) \div (4x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-15x^5 + 18x^4 + 4x + 3$.

Question 7a of 15 (3 Division of Polynomials 483002)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	10x^5 + 2x^4 + x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(60x^7 + 12x^6 + 6x^3) \quad (6x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 7b of 15 (3 Division of Polynomials 483003)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	x^4 + 3x^2 - 4x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(8x^6 + 24x^4 - 32x^3) \div (8x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 7c of 15 (3 Division of Polynomials 483004)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	12x^4 + 2x^3 - x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(144x^6 + 24x^5 - 12x^3) \quad (12x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8a of 15 (3 Division of Polynomials 483005)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	3x^5 - x^2 - 2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(45x^8 - 15x^5 - 30x^3) \div (15x^3)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8b of 15 (3 Division of Polynomials 483006)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	10x^3 - 3x^2 + 2x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(40x^5 - 12x^4 + 8x^3) \div (4x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 8c of 15 (3 Division of Polynomials 483007)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	2x^6 + x^4 + 4x^3
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(12x^9 + 6x^7 + 24x^6) \quad (6x^3)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 9a of 15 (3 Division of Polynomials 483008)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-x^4 + 3x^3 + 2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as $x\wedge 2$.

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

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 9b of 15 (3 Division of Polynomials 483009)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-x^2 + 2x - 1
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as $x\wedge 2$.

$$(-5x^3 + 10x^2 - 5x) \div (5x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 9c of 15 (3 Division of Polynomials 483010)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-x^3 + 2x^2 - 2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as $x\wedge 2$.

$$(-7x^4 + 14x^3 - 14x) \quad (7x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 10a of 15 (3 Division of Polynomials 483011)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-x^3 + 2x^2 - 3x + 2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-4x^4 + 4x^3 - 12x^2 + 8x) \div (4x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 10b of 15 (3 Division of Polynomials 483012)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-2x^3 + x^2 + 3x - 2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-6x^4 + 3x^3 + 9x^2 - 6x) \quad (3x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 10c of 15 (3 Division of Polynomials 483013)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-x^3 + 2x^2 + x - 3
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-9x^4 + 18x^3 + 9x^2 - 27x) \div (9x)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 11a of 15 (3 Division of Polynomials 483014)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	-13x^4 + 18x^3
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(-13x^4 + 18x^3) \div (1)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: $-13x^4 + 18x^3$.

Question 11b of 15 (3 Division of Polynomials 483015)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	83x^3 - 37x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(83x^3 - 37x) \quad (1)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

Global Incorrect Feedback	
The correct answer is: 83x^3 - 37x.	

Question 11c of 15 (3 Division of Polynomials 483016)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	42x^3 - 73x^2
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(42x^3 - 73x^2) \div (1)$$

Attempt	Incorrect Feedback
1st	

Correct Feedback	

Global Incorrect Feedback	
The correct answer is: 42x^3 - 73x^2.	

Question 12a of 15 (1 Division of Polynomials 483017)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	reciprocal
Question:	To divide a polynomial by a monomial, you need to multiply the polynomial by the _____ of the monomial.

Attempt	Incorrect Feedback
1st	

Correct Feedback	

Global Incorrect Feedback	
The correct answer is: reciprocal.	

Question 12b of 15 (1 Division of Polynomials 483018)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	multiply
Question:	To divide a polynomial by a monomial, you need to _____ the polynomial by the reciprocal of the monomial.

Attempt	Incorrect Feedback
1st	

Correct Feedback	

	Global Incorrect Feedback
	The correct answer: multiply.

Question 12c of 15 (1 Division of Polynomials 483019)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	reciprocal
Question:	To divide a polynomial by a monomial, you need to multiply the polynomial by the _____ of the monomial.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: reciprocal.

Question 13a of 15 (1 Division of Polynomials 483020)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	monomial
Question:	After you divide a polynomial by a monomial, you can check your answer by multiplying it by the original _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: monomial.

Question 13b of 15 (1 Division of Polynomials 483021)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	monomial
Question:	After you divide a polynomial by a monomial, you can check your answer by multiplying it by the original _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: monomial.

Question 13c of 15 (1 Division of Polynomials 483022)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	monomial
Question:	After you divide a polynomial by a monomial, you can check your answer by multiplying it by the original _____.

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: monomial.

Question 14a of 15 (3 Division of Polynomials 483023)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	x^5 + x^3 + x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(x^7 + x^5 + x^3) \div (x^2)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 14b of 15 (3 Division of Polynomials 483024)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	x^3 + x^2 + x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(x^6 + x^5 + x^4) \quad (x^3)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 14c of 15 (3 Division of Polynomials 483025)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	x^4 + x^2 + x
Question:	Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret (^) for exponents; for example, enter x^2 as x^2.

$$(x^8 + x^6 + x^5) \div (x^4)$$

Attempt	Incorrect Feedback
1st	

	Correct Feedback

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

Question 15a of 15 (2 Division of Polynomials 483026)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	zero, 0
Question:	For what value of x would the quotient $(3x^4 + 6x^3) \div (3x^2)$ *not* make sense?

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: zero.

Question 15b of 15 (2 Division of Polynomials 483027)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	zero, 0
Question:	For what value of x would the quotient $(5x^4 + 10x^3)$ $(10x^2)$ *not* make sense?

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: zero.

Question 15c of 15 (2 Division of Polynomials 483028)

Maximum Attempts:	1
Question Type:	Text Fill In Blank
Maximum Score:	2
Is Case Sensitive:	false
Correct Answer:	zero, 0
Question:	For what value of x would the quotient $(18x^4 + 12x^3) \div (6x^2)$ *not* make sense?

Attempt	Incorrect Feedback
1st	

	Correct Feedback

	Global Incorrect Feedback
	The correct answer is: zero.