Quiz: Polynomial Division

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

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:
2

Text Fill In Blank
false
$18 x^{\wedge} 7+2 x^{\wedge} 4-x$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(72 x^{8}+8 x^{5}-4 x^{2}\right) \div(4 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts: 1

Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer: Question:

Text Fill In Blank
2
false
$12 x^{\wedge} 6-2 x^{\wedge} 5+3 x$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(48 x^{8}-8 x^{7}+12 x^{3}\right) \div\left(4 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 1 c of 15 ( 3 Division of Polynomials 482986 )
Maximum Attempts: 1
Question Type:
Text Fill In Blank
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:
2
false
$2 x^{\wedge} 2-7 x+1$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(16 x^{3}-56 x^{2}+8 x\right) \quad(8 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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: $\quad 3 x^{\wedge} 2-x$
Question:

Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( ${ }^{\wedge}$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(21 x^{3}-7 x^{2}\right) \div(7 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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: $\quad-2 x^{\wedge} 3-3 x$
Question: Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-8 x^{7}-12 x^{5}\right) \quad\left(4 x^{4}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer:

Question:
2

Text Fill In Blank
false
$3 x \wedge 3-4 x$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(9 x^{6}-12 x^{4}\right) \div\left(3 x^{3}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 3a of 15 ( 3 Division of Polynomials 482990)
Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:
Text Fill In Blank
2
false
$x^{\wedge} 4-2 x^{\wedge} 3-3$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret $(\wedge)$ for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(5 x^{6}-10 x^{5}-15 x^{2}\right) \div\left(5 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer: Question:

1
Text Fill In Blank
2
false
$-2 x^{\wedge} 4+6 x^{\wedge} 2+1$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-6 x^{7}+18 x^{5}+3 x^{3}\right) \quad\left(3 x^{3}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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: $\quad-x^{\wedge} 2+5 x+2$
Question:
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-4 x^{3}+20 x^{2}+8 x\right) \div(4 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$-2 x^{\wedge} 5-3 x+9$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(6 x^{6}+9 x^{2}-27 x\right) \div(-3 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 4b of 15 ( 3 Division of Polynomials 482994 )
Maximum Attempts: 1
Question Type:
Text Fill In Blank
Maximum Score:
Is Case Sensitive: Correct Answer: Question:

2
false
$-4 x^{\wedge} 4-x^{\wedge} 2+2$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(16 x^{5}+4 x^{3}-8 x\right) \quad(-4 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 4c of 15 ( 3 Division of Polynomials 482995 )
Maximum Attempts: 1

Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$-9 x^{\wedge} 2-2 x+4$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(45 x^{3}+10 x^{2}-20 x\right) \div(-5 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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:

Question:
$-5 x^{\wedge} 2-8 x$

Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(40 x^{3}+64 x^{2}\right) \quad(-8 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer:

Question:
2

Text Fill In Blank
false
$-4 x^{\wedge} 4+2 x$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(36 x^{5}-18 x^{2}\right) \div(-9 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$-x^{\wedge} 5+2 x^{\wedge} 2$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(11 x^{6}-22 x^{3}\right) \div(-11 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer: Question:

1
Text Fill In Blank
2
false
$10 x^{\wedge} 4-4 x^{\wedge} 3+x-3$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(50 x^{6}-20 x^{5}+5 x^{3}-15 x^{2}\right) \quad\left(5 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

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

Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(40 x^{5}+20 x^{4}-15 x^{3}+15 x^{2}\right) \div\left(5 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$-15 x^{\wedge} 5+18 x^{\wedge} 4+4 x+3$
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 $x^{\wedge} 2$.
$\left(-60 x^{7}+72 x^{6}+16 x^{3}+12 x^{2}\right) \div\left(4 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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: $\quad 10 x^{\wedge} 5+2 x^{\wedge} 4+x$
Question:

Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(60 x^{7}+12 x^{6}+6 x^{3}\right) \quad\left(6 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 7 b 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: $\quad x^{\wedge} 4+3 x^{\wedge} 2-4 x$
Question:
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(8 x^{6}+24 x^{4}-32 x^{3}\right) \div\left(8 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 7 c 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: $\quad 12 x^{\wedge} 4+2 x^{\wedge} 3-x$
Question:

Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(144 x^{6}+24 x^{5}-12 x^{3}\right) \quad\left(12 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

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

$\left(45 x^{8}-15 x^{5}-30 x^{3}\right) \div\left(15 x^{3}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 8b of 15 ( 3 Division of Polynomials 483006 )
Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:
Text Fill In Blank
2
false
$10 x^{\wedge} 3-3 x^{\wedge} 2+2 x$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(40 x^{5}-12 x^{4}+8 x^{3}\right) \div\left(4 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 8 c 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:
Question:
$2 x^{\wedge} 6+x^{\wedge} 4+4 x^{\wedge} 3$

Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(12 x^{9}+6 x^{7}+24 x^{6}\right) \quad\left(6 x^{3}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts: 1
Question Type: Text Fill In Blank

Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

$$
-x^{\wedge} 4+3 x^{\wedge} 3+2
$$

Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-2 x^{6}+6 x^{5}+4 x^{2}\right) \div\left(2 x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$-x^{\wedge} 2+2 x-1$
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 $x^{\wedge} 2$.
$\left(-5 x^{3}+10 x^{2}-5 x\right) \div(5 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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:
Question:
$-x^{\wedge} 3+2 x^{\wedge} 2-2$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.

$$
\left(-7 x^{4}+14 x^{3}-14 x\right) \quad(7 x)
$$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$-x^{\wedge} 3+2 x^{\wedge} 2-3 x+2$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-4 x^{4}+4 x^{3}-12 x^{2}+8 x\right) \div(4 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

Question 10 of 15 ( 3 Division of Polynomials 483012 )

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer: Question:

1
Text Fill In Blank
2
false
$-2 x^{\wedge} 3+x^{\wedge} 2+3 x-2$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-6 x^{4}+3 x^{3}+9 x^{2}-6 x\right) \quad(3 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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: | $-x^{\wedge} 3+2 x^{\wedge} 2+x-3$ |

Question:
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-9 x^{4}+18 x^{3}+9 x^{2}-27 x\right) \div(9 x)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$-13 x^{\wedge} 4+18 x^{\wedge} 3$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(-13 x^{4}+18 x^{3}\right) \div(1)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer: Question:

1
Text Fill In Blank
2
false
$83 x^{\wedge} 3-37 x$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(83 x^{3}-37 x\right) \quad(1)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $83 x^{3}-37 x$. |

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: $42 x^{\wedge} 3-73 x^{\wedge} 2$
Question:
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(42 x^{3}-73 x^{2}\right) \div(1)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


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

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

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
reciprocal
To divide a polynomial by a monomial, you need to multiply the polynomial by the $\qquad$ of the monomial.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: reciprocal. |

Question 12 of 15 ( 1 Division of Polynomials 483018 )
Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:1

Text Fill In Blank
2
false
multiply
To divide a polynomial by a monomial, you need to $\qquad$ 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 $\qquad$ of the monomial.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: reciprocal. |

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

Maximum Attempts: 1

Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

Text Fill In Blank
2
false
monomial
After you divide a polynomial by a monomial, you can check your answer by multiplying it by the original $\qquad$ ..

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: monomial. |

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
monomial
After you divide a polynomial by a monomial, you can check your answer by multiplying it by the original $\qquad$ _.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: monomial. |

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

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer:

Question:
2

Text Fill In Blank
false
monomial
After you divide a polynomial by a monomial, you can check your answer by multiplying it by the original $\qquad$ .

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | 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: $\quad x^{\wedge} 5+x^{\wedge} 3+x$
Question:
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(x^{7}+x^{5}+x^{3}\right) \div\left(x^{2}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | 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:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$x^{\wedge} 3+x^{\wedge} 2+x$
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(x^{6}+x^{5}+x^{4}\right) \quad\left(x^{3}\right)$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | 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: $\quad x^{\wedge} 4+x^{\wedge} 2+x$
Question:
Divide the polynomial by the monomial. Enter your answer as a polynomial in descending order, using the caret ( $\wedge$ ) for exponents; for example, enter $x^{2}$ as $x^{\wedge} 2$.
$\left(x^{8}+x^{6}+x^{5}\right) \div\left(x^{4}\right)$

| 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: Question Type: |  | 1 |
| :---: | :---: | :---: |
|  |  | Text Fill In Blank |
| Maximum Score: |  | 2 |
| Is Case Sensitive: |  | false |
| Correct Answer: |  | zero, 0 |
| Question: |  | For what value |
| Attempt | Incorrect Feedback |  |
| 1st |  |  |
|  | Correct Feedback |  |
|  |  |  |
|  | Global Inco | ct Feedback |
|  | The correct | wer 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: $\quad$ For what value of $x$ would the quotient $\left(5 x^{4}+10 x^{3}\right) \quad\left(10 x^{2}\right)$ not make sense?

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: zero. |

Question 15 c 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: $\quad$ For what value of $x$ would the quotient $\left(18 x^{4}+12 x^{3}\right) \div\left(6 x^{2}\right)$ not make sense?

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: zero. |

