|  |  |
| --- | --- |
| **Start!** | **Question:** Find the sum  (10x7 + 3x3 – 4) + (2x7 – 8x3 + 3) |

|  |  |
| --- | --- |
| **Answer:**  12x7 – 5x3 – 1 | **Question:** Find the difference  (-3x2 + 5x – 1) – (-4x2 + 3x – 6) |

|  |  |
| --- | --- |
| **Answer:**  4x2 + 2x + 5 | **Question:** Multiply  4a2 (2a7 – 5a5 + 2a9 – 3) |

|  |  |
| --- | --- |
| **Answer:**  8a11 + 8a9 – 20a7 – 12a2 | **Question:** Multiply  3ab2 (2a + 6a2b – 3a3b4) |

|  |  |
| --- | --- |
| **Answer:**  3x2 – 5x – 2 | **Question**: Multiply  6(x – 2)2 |

|  |  |
| --- | --- |
| **Answer:**  -9a4b6 + 12a3b3 + 6a2b2 | **Question:** Multiply  (3x + 1)(x – 2) |

|  |  |
| --- | --- |
| **Answer:**  6x2 – 24x + 24 | **Question:** The volume of a cube is 125y3. What is the length of a side? |

|  |  |
| --- | --- |
| **Answer:**  5y | **Question:** Find the area of a triangle with the following dimensions:  Height = 4ab2  Base = 3a3b4 |

|  |  |
| --- | --- |
| **Answer:**  6a4b6 | **Question:** What is the volume of a cube with a side length of 4xy? |

|  |  |
| --- | --- |
| **Answer:**  64x3y3 | **Question:** What is the area of a rectangle with the following dimensions:  Height = 4ab2  Base = 3a3b4 |

|  |  |
| --- | --- |
| **Answer:**  30x6y5 | **Finish!** |

|  |  |
| --- | --- |
| **Answer:**  12a4b6 | **Question:** What is the volume of a rectangle with the following dimensions:  Length = 5xy3  Width = 3x5  Height = 2y2 |