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| Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |  | http://www.edhelperclipart.com/clipart/edhelp1.gif | Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |

**Polynomials**

**Factor out the GCF from each polynomial on a separate sheet of paper.**

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| --- | --- |
| 1.   | -336x3 + 288x |

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| --- | --- |
| 2.   | 3x2 - 3x |

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| 3.   | -3x3 - 33x |

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| 4.   | -15x2 + 18x |

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| 5.   | 4x3 - 28x |

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| 6.   | 160x3 + 100x2 - 180x |

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| 7.   | 19x3 - 19x |

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| 8.   | -6x3 + 8x |

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| 9.   | 36x3 - 24x2 + 8x |

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| 10.   | -14x2 + 16x |

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| 11.   | -16x4 - 32x3 - 80x2 |

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| 12.   | 14x5 - 24x4 |

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| 13.   | x3 + 3x |

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| 14.   | -43x2 + 387x |

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| 15.   | -6x5 + 3x3 |

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| 16.   | 96x3 - 48x2 + 60x |

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| 17.   | 33x2 + 363x |

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| 18.   | 37x4 - 259x3 - 222x2 |

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| 19.   | -396x3 - 108x2 + 108x |

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| 20.   | 2x6 - 4x5 + 20x4 |

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| 21.   | -10x6 + 12x5 - 4x4 |

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| 22.   | 24x3 + 168x |

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| 23.   | 39x5 - 195x4 |

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| 24.   | -5x3 - 7x |

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| 25.   | 4x2 + 9x |

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| 26.   | -33x2 - 330x |

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| 27.   | -36x3 + 44x2 + 20x |

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| 28.   | -3x6 + 15x4 |

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| 29.   | 33x6 - 99x5 - 165x4 |

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| 30.   | 3x3 + 10x2 - x |

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