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| Monday |
| Are polynomials closed under multiplication? Why or why not?  | Are polynomials closed under division? Why or why not?  |
| Add. $\left(-2x^{2}+7x-5\right)+(x^{2}+2x+1)$ | Add. $\left(3x^{3}-7x-5\right)+(9x^{3}-6)$ |
| Subtract.  | Add.  |
| Subtract.   | Subtractt. |

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| Tuesday |
| Distribute and then add. $$a\left(3a-5\right)+4a(3a-8)$$ | Distribute.  |
| Simplify.$$\left(3x-2\right)+(4x-3)$$ | Simplify.$$\left(3x-2\right)-(4x-3)$$ |
| Multiply. $$(3x – 2) (3x + 2)$$ | Multiply. $$\left(2x-3\right)\left(x^{2}+4x-5\right)$$ |
| Multiply.$$\left(3x-2\right)(4x-3)$$ | Multiply.$$\left(3x-2\right)^{2}$$ |

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| Wednesday |
| State the leading coefficient, the constant and the specific name of the polynomial below. Write it in standard form first. $$5-7x^{2}+3x$$ | State the leading coefficient, the constant and the specific name of the polynomial below. Write it in standard form first.$$9x^{2}+7x^{3}$$ |
| Multiply | Multiply |
| Multiply | Multiply$$\left(2x-3\right)\left(2x+3\right)$$ |

Thursday: Study for test!!!