

Algebra I Homework #13 – Answer Key

- 1) Yes, it is a binomial
- 2) $x_{\text{int}} = (-3, 0)$
 $y_{\text{int}} = (0, \frac{12}{7})$
- 3) $72x^{13}y^8a^{12}$
- 4) $y = \frac{-3}{5}x - \frac{19}{5}$
- 5) $-10x^3 - 14x^2 + 12x + 4$
- 6) $12x^2 + 13x - 35$
- 7) $\frac{2x^3}{3y^4a^3}$
- 8) $6x^4 + 8x^3 - 21x^2 + 14x - 5$
- 9) $\frac{4x^4y^3}{3a^5}$
- 10) $49x^2 - 126x + 81$
- 11) $\frac{2y^2x^4}{-3a^4}$
- 12) $16x^4 + 24x^3 - 7x^2 - 12x + 4$
- 13) $\frac{-4x^2}{3y^9a^2}$
- 14) $27x^3 - 108x^2 + 144x - 64$
- 15) $\frac{-3y^{15}a^3}{x^{11}}$
- 16) $12x^3 - 45x^2 + 38x + 7$
- 17) $\frac{7x^3y^2}{4a^3}$
- 18) $24x^5 - 16x^4 - 6x^3 - 38x^2 - 33x + 27$
- 19) $\frac{a^3}{-x^3y}$
- 20) $9x^6 - 42x^5 + 49x^4 - 36x^3 + 84x^2 + 36$

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