

Algebra I Homework #14 – Answer Key

- 1) $x = -3$
- 2) $\frac{8y^3a}{9x^2}$
- 3) $24x^4 + 26x^3 - 15x^2 + 13x - 6$
- 4) $169x^2 - 442x + 289$
- 5) $m = \frac{-3}{4}$
- 6) 4.75×10^{-6}
- 7) $\frac{a}{3y^2} + \frac{3x}{4} - \frac{9}{8xya}$
- 8) $3x - 4$
- 9) 5.874×10^{12}
- 10) $\frac{3a^2}{4} - \frac{4a}{3x^2} - \frac{9y}{4x}$
- 11) $5x - 9 + \frac{20}{x+3}$
- 12) .0000357
- 13) $\frac{8xy}{3a^2} - \frac{3ya}{4} + \frac{5y^3}{3xa^3}$
- 14) $3x^2 - x - 1 - \frac{6}{x-1}$
- 15) 96,000,000
- 16) $\frac{14}{3x^3ya} - \frac{2y^3}{3a^3} + \frac{4}{7xy}$
- 17) $4x^2 - 6x + 9$
- 18) 5.183×10^{-9}
- 19) $\frac{3xya}{2} - \frac{y^3}{144x} - \frac{9}{8x^4a^2}$

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$$20) \quad x^3 + 4x^2 + 11x + 47 + \frac{184}{x-4}$$

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