

## Algebra I Homework #17 – Answer Key

- 1)  $11xy^2a\sqrt[3]{2y^2a}$
- 2)  $m = \frac{-4}{3}$
- 3)  $30\sqrt{2} - 18\sqrt{3}$
- 4)  $x = -6$
- 5)  $216x^7y^8a^6\sqrt{3}$
- 6)  $4x(x+15)(x-2)$
- 7)  $3a(4x+3)(3x-5y)$
- 8)  $6y(x+9a)(x+4a)$
- 9)  $6y(2x-3a)(6x-7y)$
- 10)  $4y^2x(y-6)(y-8)$
- 11)  $(2x+7y)(3x-5)$
- 12)  $8x^2ay(x+6y)(x-12y)$
- 13)  $2x(6x-1)(2y-1)$
- 14)  $3x(x-12)(x-18)$
- 15)  $2xy(5a+4)(3y+2)$
- 16)  $(x+6)(x-1)$
- 17)  $2xa(5x-7y)(6x-5)$
- 18)  $4x(y+9)(y-6)$
- 19)  $a^2(3x+4y)(7x+9a)$
- 20)  $3ay(a-1)(a-72)$

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