2.

3. ((4 + 3) x 4) – 5 + ((7 – 4)^2 / 3) +1

(7 x 4) – 5 + (3^2 / 3) + 1

28 – 5 + 3 + 1

23 + 4

27

7. 2(X + 3) – 3(y + 2) = 4Xy

2X + 6 – 3y – 6 = 4Xy

2X – 3y = 4Xy

2X = 4Xy + 3y

2X – 4Xy = 3y

2X(1 – 2y) = 3y

8.

20. 5 Python modules:

1. math.sqrt: The sqrt math functions returns the square root of a any number given to it.

Example: Doing math.sqrt(25) will give you a value of 5.

1. math.ceil: The ceil function returns the smallest whole value greater than the input value.

Example: Doing math.ceil(5.6) will give a value of 6.

1. math.floor: The floor function returns the largest whole value less than the input value.

Example: Doing math.floor(5.6) will give a value of 5.

1. math.pow: The pow functions returns the first value raised to the power of the second value.

Example: math.pow(5, 2) will give the value 25.

1. math.factorial: The factorial function returns the factorial of the input value.

Example: math.factorial(3) will return the value 6.