

Math Quiz 2

Student Name: _____ Class: _____ Date: _____

Part A (3 x 3 = 9)

Determine How many solutions in each equation:((one solution or no solution or infinitely many solutions)

$$y = 4x + 2$$

$$2y = 8x + 4$$



$$y = 4x + 2$$

$$y = 3x - 3$$



$$y = 3x + 2$$

$$y = 3x - 2$$



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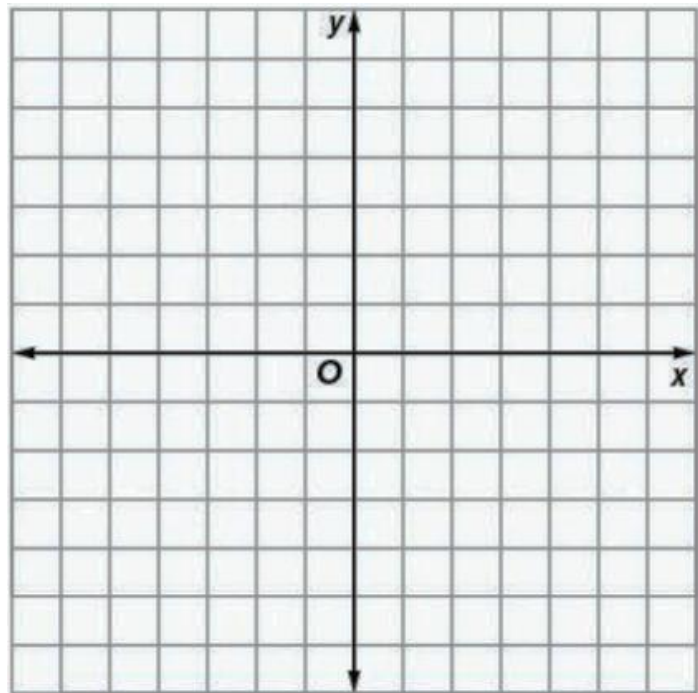
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Part B

Q1 :Solve the system of equations by graphing . then write the solution

$$y = x - 4$$

$$y = -2x + 5$$



Q2: Solve the system of equations by substitution.

$$y = x - 3$$

$$y = 2x$$

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Q3: $y = 3x + 8$

$$8x + 4y = 12$$

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Q4: Solve the system of equations by elimination.

$$6x + y = -3$$

$$5x - y = -8$$

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Q5: Write and Solve Systems of Equations

The sum of two numbers is 20.5. Their difference is 6.5 find the two numbers.

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