DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE

MATH 03   Quiz 6

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Print Name: _____

1. Solve the following equation:
$$\frac{2 - x}{4} = x + 3$$

2. Solve the following equation:
$$2(x - 3) - 5 = 3(2x + 1) - 4x - 14$$

3. Solve the following equation:
$$\frac{2x - 6}{2} + x = \frac{x - 3}{5} + 3$$

4. Find a if $x = -2$ is a solution to the following equation:

$$2a - 3x = a + x - 3$$

5. Find b, if all numbers are solutions to the following equation:

$$2(3x + 1) = 3(2x - 5) + b$$

6. Find y, if $x = 3$ is a solution of the equation:

$$2x - 3y = 12$$

7. Find x if $y = -4$ is a solution to the equation in Question 6.