

Name _____

**MATH
1010**

ALGEBRA FOUNDATIONS

Solve the equation.

1. $x + 2.7 = 9.8$

2. $\frac{5}{8}x = 30$

3. $\frac{3}{8}x - 17 = 10$

4. $-0.5(2x - 6) + 9 = -8$

5. $5 - 8x = -6 - 9x$

6. $-2(8x - 1) = 5(1 - 3x)$

7. Determine whether the equation $-\frac{1}{4}(12x - 20) = 5 - 3x$ has *one solution, no solution, or infinitely many solutions.*

8. Solve the equation $8y + 6x = 7$ for y .



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