

Name _____ Period _____ Date _____

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Multi-Step Equations with Combining Like Terms and Distributive Property

Solve the following by using properties and working backwards. Show all work.

1. $2(x - 6) + 5x = -26$ $x =$ _____ 2. $-(-2x + 4) - 5x = 16$ $x =$ _____

3. $3(8 - z) + 6 = 54$ $x =$ _____ 4. $-30 = 6(f - 3) - 2f$ $x =$ _____

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