

Name:

Date:

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## Unit 2 Review Part 1

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Simplify each of the following expressions.

1.  $4(5b + 9)$

2.  $-4(-7 + 2t)$

3.  $3h + 2(4h - 6)$

4.  $-\frac{1}{3}b + -\frac{2}{7}b$

5.  $9 - (3s - 1)$

6.  $2v + 3 - 6(8 - v)$

Solve each of the following equations. Show all of your work.

7.  $r + 12 = -15$

8.  $6 - c = 10$

9.  $-5x = 45$

10.  $8 = \frac{p}{3}$

Solve each of the following equations. Show all of your work.

11.  $6g + 12 = 30$

12.  $-3.6 = 6.2 - 7m$

13.  $2(f + 4) = 18$

14.  $-4(3 - 2x) - 5x = 9$

15. Explain how to solve the equation below to a new student who has never solved an equation before

$$2(2x - 4) = -20$$