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Chapter 3

(Lessons 3-1 through 3-3)

Translate each sentence into an equation.

- Two times a number n is three times the sum of n and nine.
- The difference of the square of y and twelve is the same as the product of five and x .
- What does the GRE stand for?
- State the GRE in words.

Solve each equation.

- $d - 8 = 6$
- $-28 = p + 21$
- $-3 - (-g) = -12$
- $-7x = 63$
- $-\frac{t}{5} = -8$
- $\frac{4}{5}d = -32$

* Show all work on attached looseleaf.

* Circle problem number, rewrite problem, show work, box answer for full credit.

* Do not write on this page except for Name, Date, and Period.

* Put this sheet on top.

* Ignore these instructions at your peril.

Mr. C.

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Chapter 3

(Lessons 3-4 and 3-5)

Solve each equation.

- $3x + 8 = 29$
- $\frac{a}{6} - 5 = 9$
- $5r - 14 = -42$
- $7n + 6 = 4n - 9$
- $3b - 13 + 4b = 7b + 1$
- $5 - 3(w + 4) = w - 7$
- $2x - 5(x - 3) = 2(x - 10)$
- Standardized Test Practice** Solve $-6(2r + 8) = -10(r - 3)$.