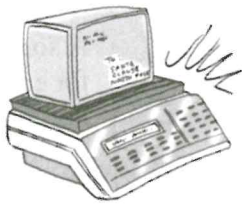
= 0



ifferent?

l be referred to as

$4x-3$

$-2x-5+5x$

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you need more
practice problems.
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Chapter 5 Closure What have I learned?

Reflection and Synthesis

The activities below offer you a chance to reflect about what you have learned during this chapter. As you work, look for concepts that you feel very comfortable with, ideas that you would like to learn more about, and topics you need more help with.

① WHAT HAVE I LEARNED?

Doing the problems in this section will help you to evaluate which types of problems you feel comfortable with and which ones you need more help with.

Solve each problem as completely as you can. The table at the end of this closure section provides answers to these problems. It also tells you where yo can find additional help and where to find practice problems like them.

CL 5-62. Solve each equation.

a. $3(2x-1)+7=-44$

b. $6(2x-5)=-(x+4)$

CL 5-63. Solve for the indicated variable.

a. $2x+5y=10$ (solve for y)

b. $3(x+2)=y-6$ (solve for x)

CL 5-64. Examine the tile pattern below. Then complete parts (a) through (c) that follow

a. Draw Figure 1 and Figure 5.

b. Make an $x \rightarrow y$ table for the pattern.

c. Make a complete graph. Include points for Figures 0 through 5.

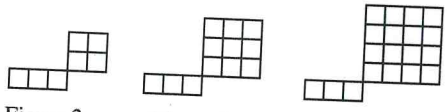

Figure 2 Figure 3 Figure 4

CL 5-65. Use the table at right to complete parts (a) and (b) below.

x	−5	−3	−1	1	3	5	7
y			−3	1		9	

a. Complete the table.

b. Find the rule (y = ?).

5-58. Change each equation below into $y = mx + b$ form.

a. $y - 4x = -3$

b. $3y - 3x = 9$

c. $3x + 2y = 12$

d. $2(x - 3) + 3y =$

5-59. Mailboxes Plus sends packages overnight for \$5 plus \$0.25 per ounce. United Packages charges \$2 plus \$0.35 per ounce. Mr. Molinari noticed that his package would cost the same to mail using either service. How much does his package weigh?

5-60. Solve for x.

a. $\frac{2}{3} = \frac{x}{4}$

b. $\frac{2}{3} = \frac{x}{4} + \frac{x}{3}$

c. How are these problems the same and how are they d

5-61. This problem is a checkpoint for solving equations. It will Checkpoint 5.

Solve each equation.

a. $3x + 7 = -x - 1$

b. $1 - 2x + 5 =$

c. $-2x - 6 = 2 - 4x - (x - 1)$

d. $3x - 4 + 1 =$

Check your answers by referring to the Checkpoint 5 mat back of your book.

If you needed help solving these problems correctly, then practice. Review the Checkpoint 5 materials and try the Also, consider getting help outside of class time. From th be expected to do problems like these quickly and easily.