

Name \_\_\_\_\_

## Simply Equated

Look for a pattern to solve each problem.

1. Amanda puts two rectangles together to form a new rectangle. Both rectangles have a height of 3 inches. The base of one rectangle is 2 inches. The base of the other is 4 inches. If Amanda puts 10 of each rectangle together, end to end, what will be the distance around the new figure?

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3. Brandon wants to join a video game club. The membership costs \$47, and every game that he rents will cost \$2. If Brandon rents 17 games, how much money will he spend in all?

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2. Carlos joins a DVD club. The membership costs \$49 per year. Each DVD costs \$4. Suppose Carlos buys 28 DVDs this year. How much money will he spend on the DVD club?

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4. The table shows how much money Eduardo earns as a golf coach. He charges a flat fee of \$38, plus \$22 per hour. Complete the table. If Eduardo coaches for 8 hours, how much money will he make?

Number of Hours	1	2	3	4
Amount Earned (\$)	60			

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5.  Look back at Problem 4. Describe a rule for determining how much money Eduardo earns by coaching.

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6. **Stretch Your Thinking** Look back at Problem 3. Rewrite it so that Brandon spends a total of \$76.

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