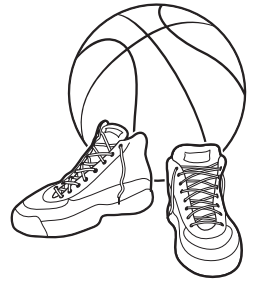


## Lesson 6 Reteach

### Problem Solving: Look for a Pattern

Beatriz joined a new basketball team. The first game they played, they scored 15 points. The next game they scored 20, and the following game they scored 25. If this pattern continues, how many points will they have scored at the end of 10 games?



<p><b>Step 1</b> Understand</p>	<p>You know the scores of the first three games. You need to find the total points scored after 10 games.</p>																						
<p><b>Step 2</b> Plan</p>	<p>Use the <i>look for a pattern</i> strategy. Make a table showing 10 games and scores. Find scores by adding 5 to each previous score.</p>																						
<p><b>Step 3</b> Solve</p>	<p>Carry out your plan.</p> <table border="1" data-bbox="483 1066 1479 1268"> <tr> <td>Game</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> </tr> <tr> <td>Score</td> <td><b>15</b></td> <td><b>20</b></td> <td><b>25</b></td> <td>30</td> <td>35</td> <td>40</td> <td>45</td> <td>50</td> <td>55</td> <td>60</td> </tr> </table> <p>To find the total, add the scores from each game. So, the total number of points scored by this new team is _____ points.</p>	Game	1	2	3	4	5	6	7	8	9	10	Score	<b>15</b>	<b>20</b>	<b>25</b>	30	35	40	45	50	55	60
Game	1	2	3	4	5	6	7	8	9	10													
Score	<b>15</b>	<b>20</b>	<b>25</b>	30	35	40	45	50	55	60													
<p><b>Step 4</b> Check</p>	<p>Look back at the problem. Check your addition with subtraction. Ask yourself if the answer seems reasonable.</p>																						

## Lesson 6 Reteach

### Problem Solving (continued)

#### Look for a pattern to solve.

1. Ana is working hard to improve her swimming. Each day she swims 12 meters farther than she did the day before. Ana swam 60 meters on Monday. How many meters will she be swimming by Saturday?
- 

2. Ana is also working to improve her speed when swimming. Each day she decreases her time by 1 second. If she could swim 60 meters in 35 seconds on Monday. What would her time be on Friday?
- 

3. Sabrina has collected trading cards for 5 years. She now has 125 trading cards. In the second year, she collected 34 more cards than she did the first year. She collected 12 cards in both her third and fourth years. In her fifth year she collected 9 cards. How many did she collect in the second year?
- 

4. Matt and Rachel sold apple cider at the craft fair. They sold 80 cups in the first hour, 60 cups in the second hour, and 40 cups in the third hour. If the pattern continued, how many cups did they sell in the fourth hour?
- 

5. Megan swims 20 laps each day for a week. Natalie swims twice as much as Megan. At the end of 7 days, how many laps have Natalie and Megan swam in all?
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