

# Problem-Solving Practice

## Problem-Solving Investigation: Look for a Pattern

<p><b>1. SEATING</b> A rectangular table seats four people on one side and 2 people on each end. How many seats are available if the ends of 5 tables are placed together?</p>	<p><b>2. SAVINGS</b> Melinda started a savings account and plans to save \$2 the first week, \$4 the second week, and \$8 the third week. If her pattern of saving continues, how much will she be saving in the fifth week?</p>										
<p><b>3. TRACK</b> A track and field coach plans the number of meters her team will sprint in each practice. The number of meters for the first four practices are 50 meters, 65 meters, 80 meters, and 95 meters. How many meters will be for the fifth practice?</p>	<p><b>4. CONCERT</b> The last row of a balcony has 65 seats. The row in front of it has 62 seats, then the next row has 59 seats. If the balcony has 8 rows, how many seats are in the first row of the balcony?</p>										
<p><b>5. MARCHING BAND</b> A marching band formation has 12 rows. Three band members are in the first row, 6 band members in the second row, 9 band members in the third row, and so on. How many band members are in the 12th row?</p>	<p><b>6. BREAD</b> The table shows the cost of loaves of bread. How much will 7 loaves of bread cost?</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #d3d3d3;"> <th colspan="2">Cost of Loaves of Bread</th> </tr> <tr> <th>Loaves</th> <th>Cost (\$)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.75</td> </tr> <tr> <td>2</td> <td>3.50</td> </tr> <tr> <td>3</td> <td>5.25</td> </tr> </tbody> </table>	Cost of Loaves of Bread		Loaves	Cost (\$)	1	1.75	2	3.50	3	5.25
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