

**LESSON**

**7**

**Introduction to Algebra**

**Puzzles, Twisters & Teasers: Go for the Gold!**

*Where did the 2002 Winter Olympics take place?*

Find the letter that corresponds to the answer for each exercise using the decoder below. Then, place the letter in the blank corresponding to the exercise number to determine where the 2002 Winter Olympics were held.

1. At the 2002 Winter Olympics, Norway won 24 medals. Norway won 3 times as many medals as the Netherlands. How many medals did the Netherlands win?

**Solve:**

**Check:**

2. At the 2002 Games, the United States won 34 medals, a record number for the U.S. at any Winter Olympics. The U.S. won twice as many medals as Canada. How many medals did Canada win?

**Solve:**

**Check:**

3. In short track speed skating, one lap is approximately 100 meters. About how many laps would a skater need to complete in order to finish a 1000 meter race?

**Solve:**

**Check:**

4. In Cross-Country Skiing, the Combined Pursuit consists of 2 different ski styles. The freestyle portion for women is 10 km, twice as long as the classic style portion. How far must skiers race using the classic style?

**Solve:**

**Check:**

<b>A</b>	<b>B</b>	<b>D</b>	<b>E</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>W</b>
<b>10</b>	<b>12</b>	<b>7</b>	<b>21</b>	<b>6</b>	<b>5</b>	<b>18</b>	<b>24</b>	<b>13</b>	<b>14</b>	<b>19</b>	<b>9</b>	<b>22</b>	<b>11</b>	<b>17</b>	<b>8</b>	<b>23</b>

_____	_____	_____	_____
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>

