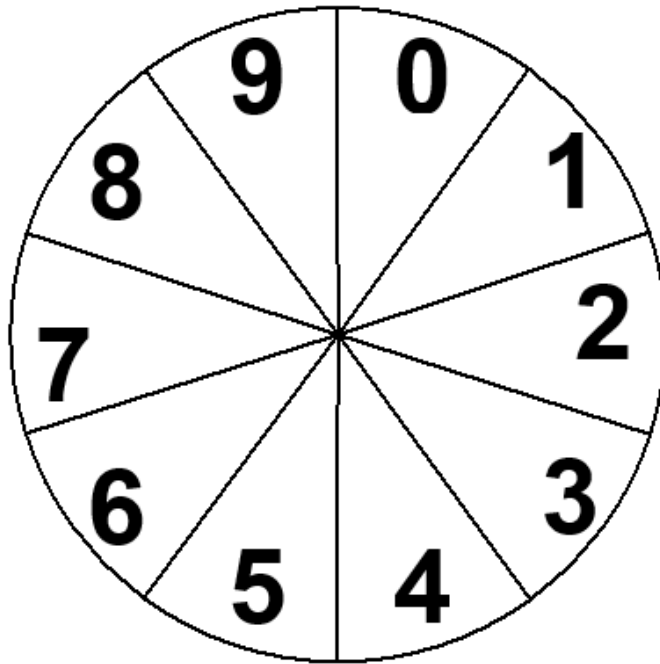


The Place Value Game



Player 1 Number Built:

Player 2 Number Built:

Spin	Value
1	
2	
3	
4	
Total	

Spin	Value
1	
2	
3	
4	
Total	

The Place Value Game

Adapted from NCTM Problem of the Week: <https://www.nctm.org/Classroom-Resources/Problems-of-the-Week/The-Place-Value-Game/>

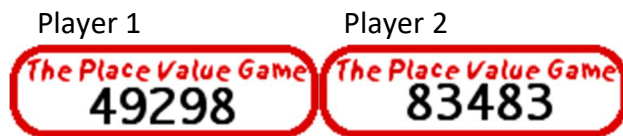
Materials:

- One recording sheet per pair of students
- Arrow cards (one set of 0- 999,999 per student)
- Modifications: Use playing cards or ten-sided dice instead of spinner. Modify the number of place value cards used.

Directions:

1. Each student places his/ her stack of arrow cards into 6 piles (a ones pile, a tens pile, etc.) Make sure that the cards are shuffled within the stacks and not in order to ensure a random number is chosen.
2. Each student selects a card from each pile and creates a 6-digit number with the arrow cards.
3. Record the number in standard form on the provided sheet.
4. Player 1 spins the spinner.
5. Both players record the value of the spun digit in their own number.

Example:

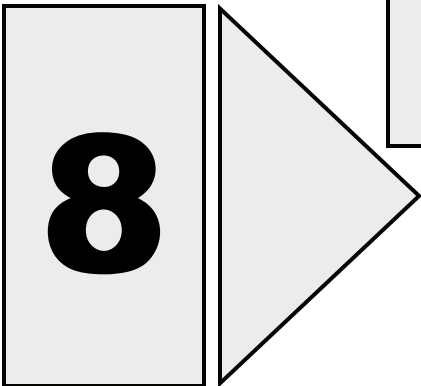
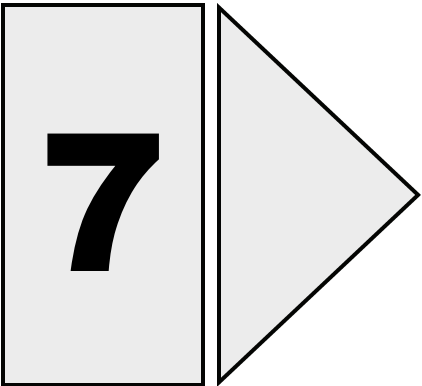
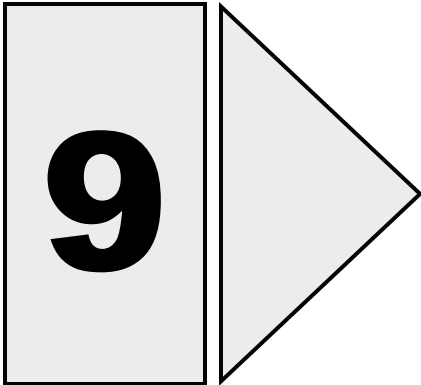
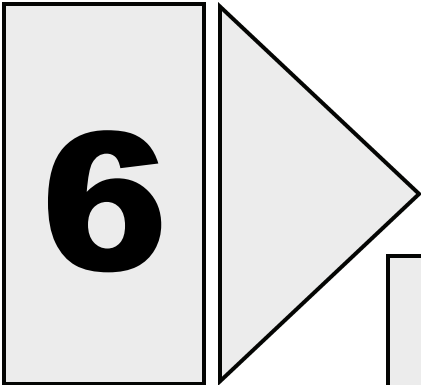
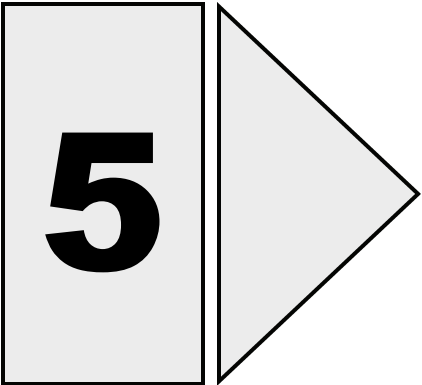
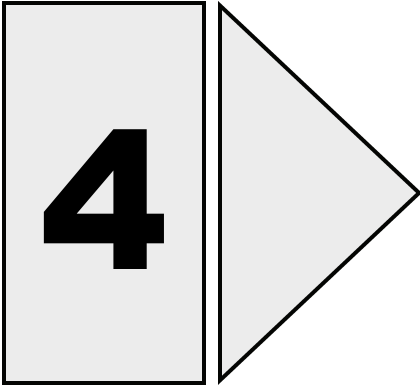
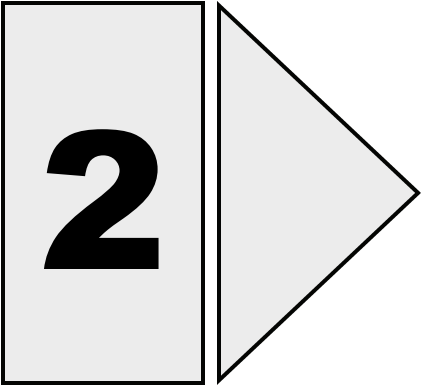
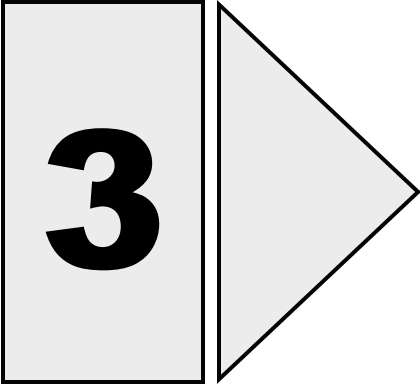
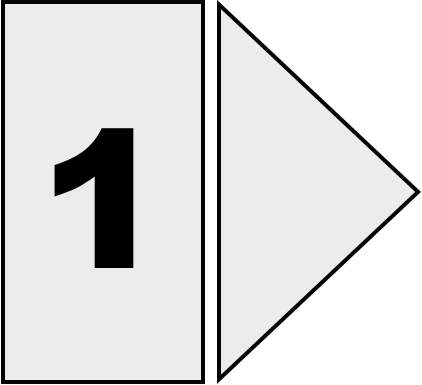


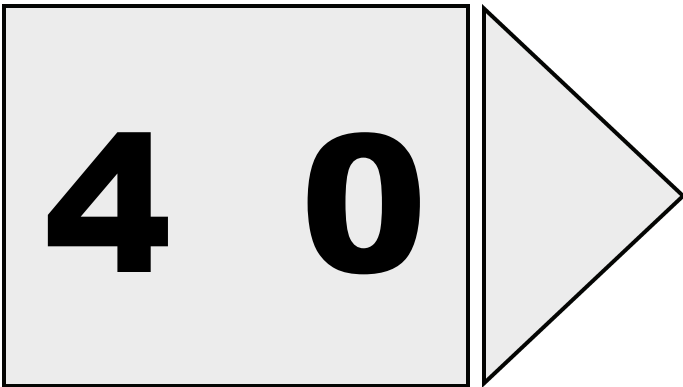
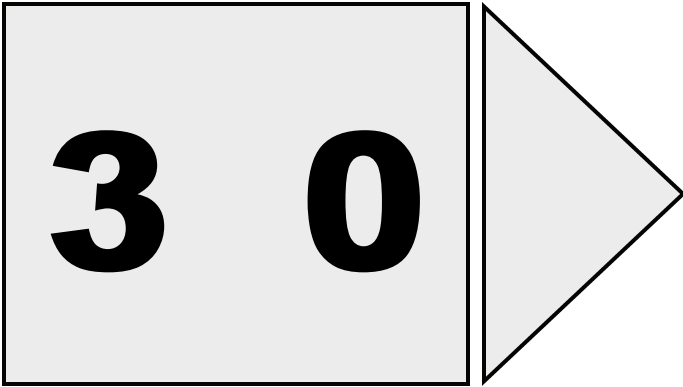
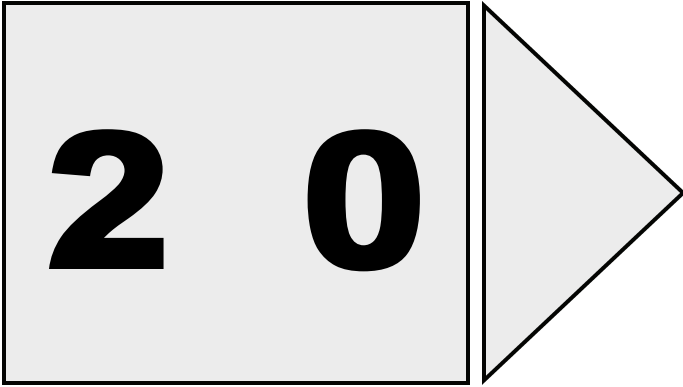
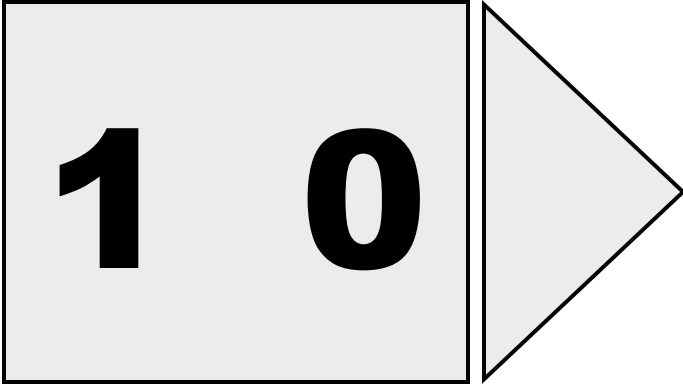
Player 1 spins a 4. Player one records 40,000 for the value. Player 2 records 400.

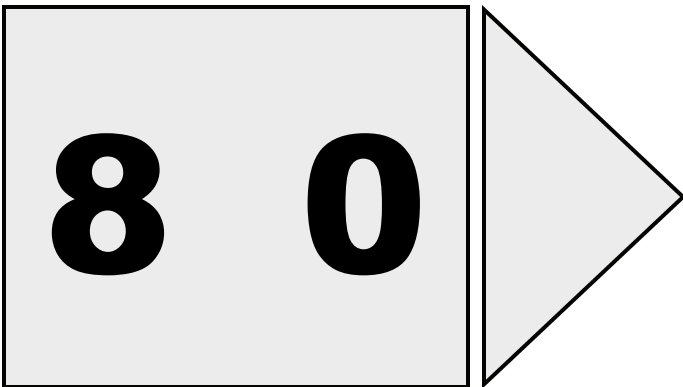
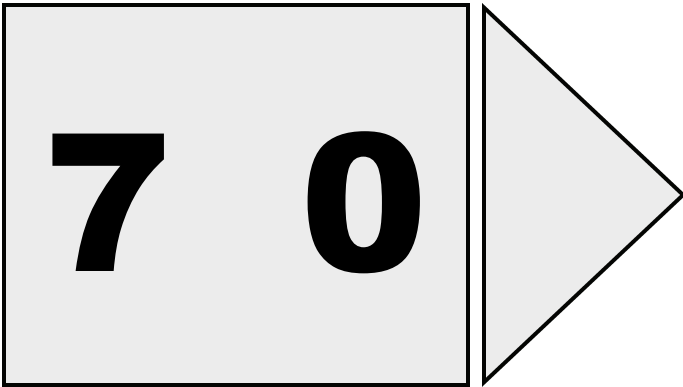
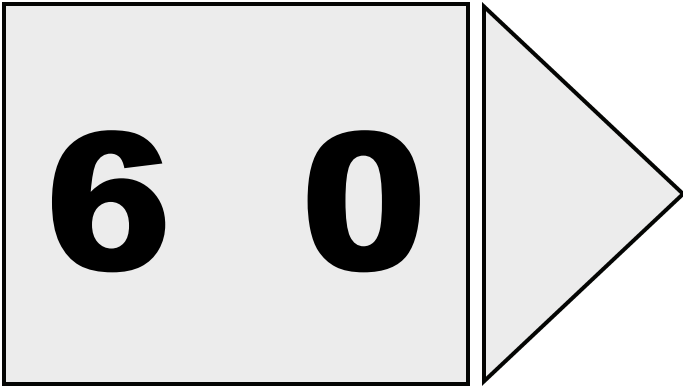
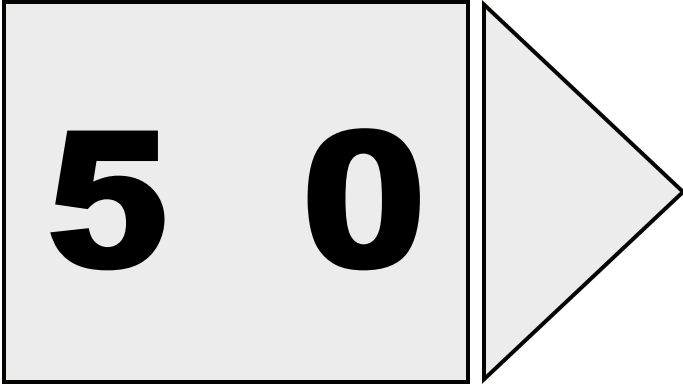
Player 2 spins a 3. Player one records 0 for the value. Player 2 records 3,003.

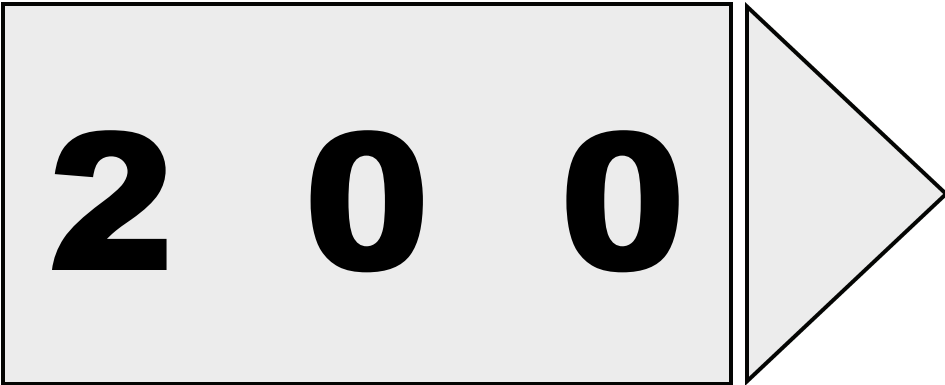
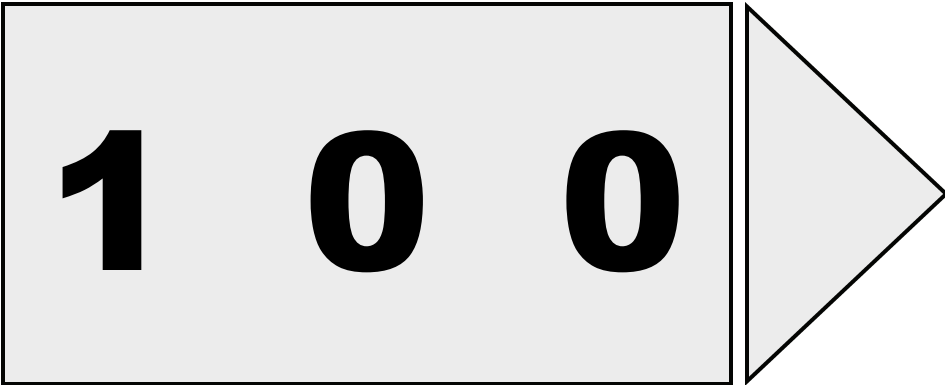
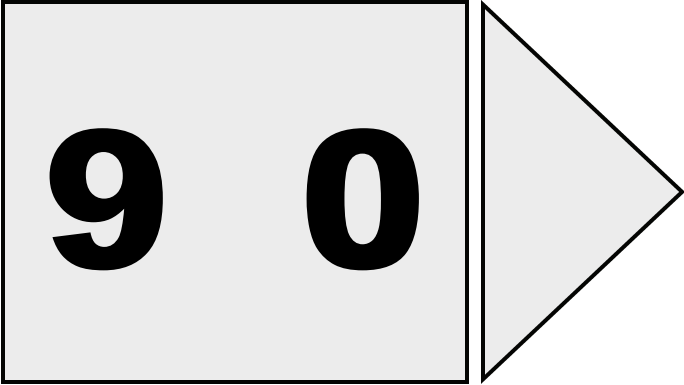
Continue for two more spins.

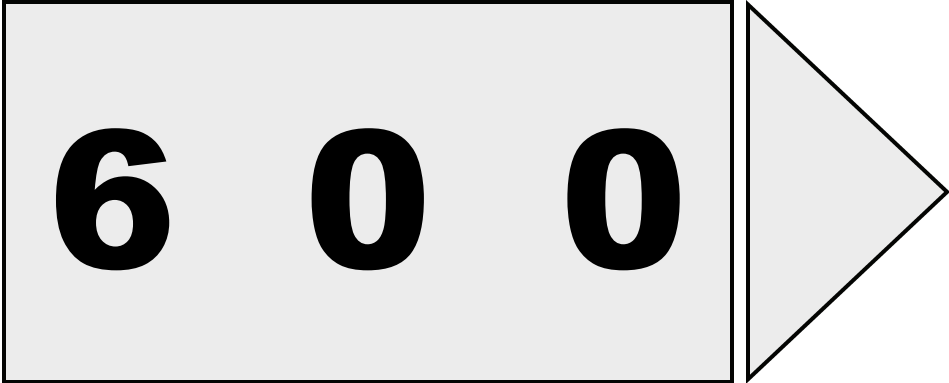
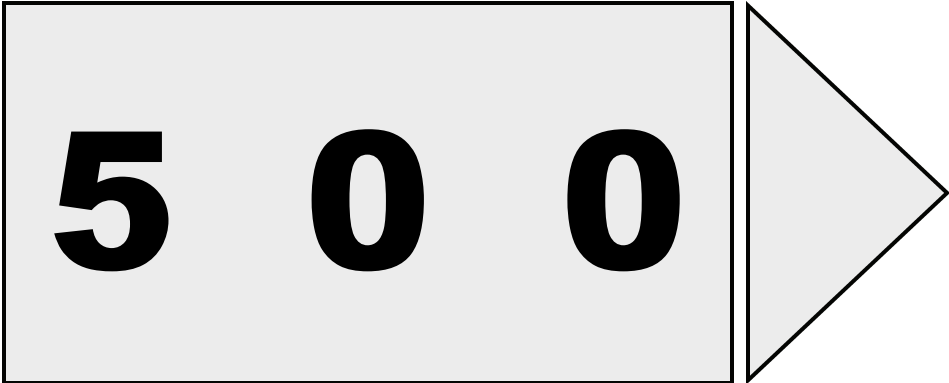
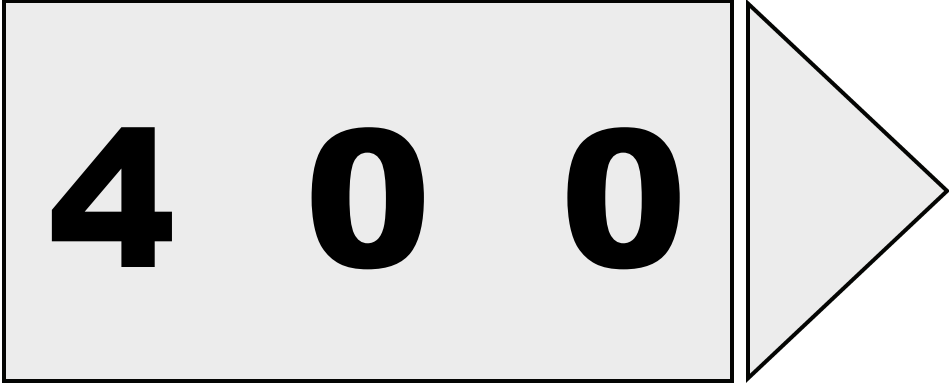
6. Total the value columns of each player. The player with the highest total after four spins wins.









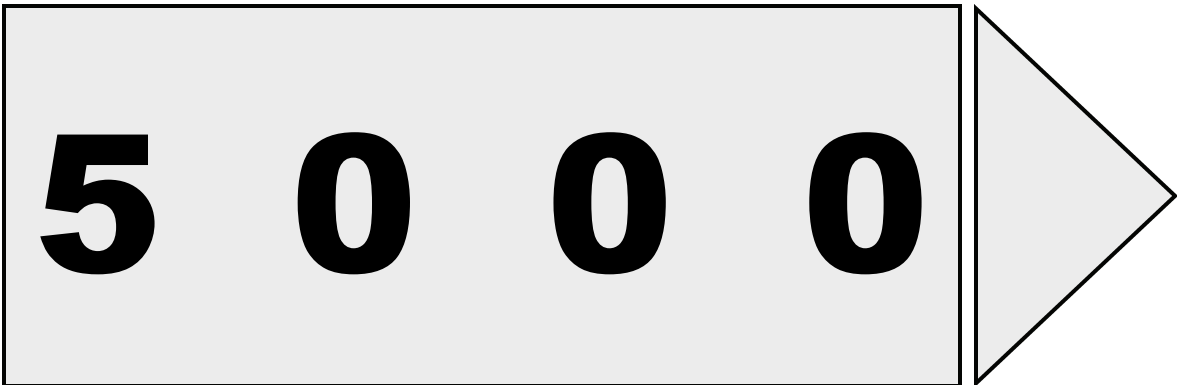
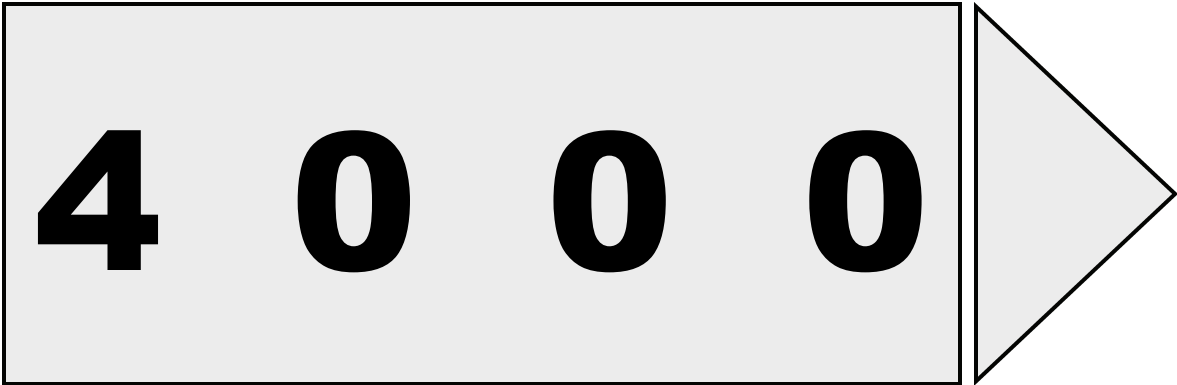
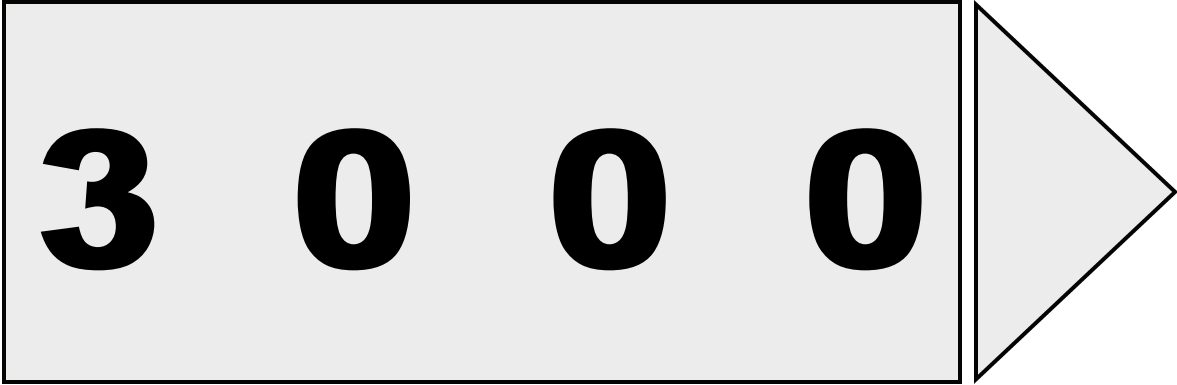


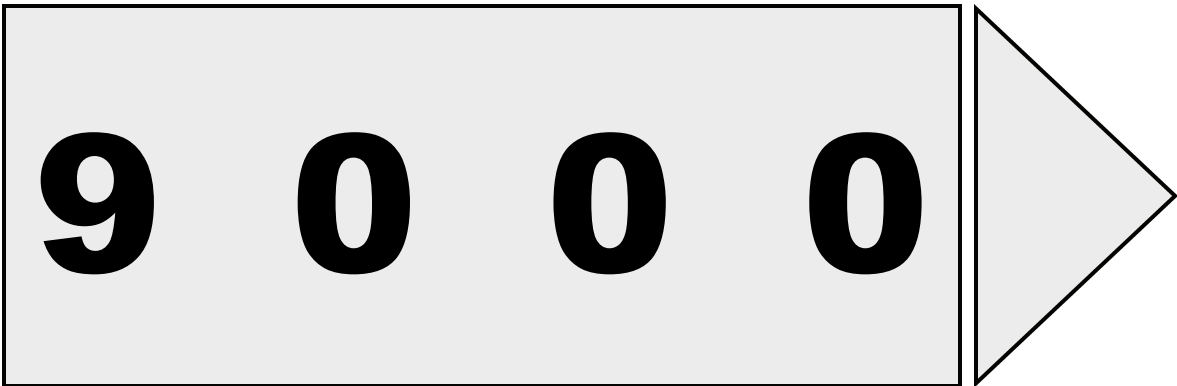
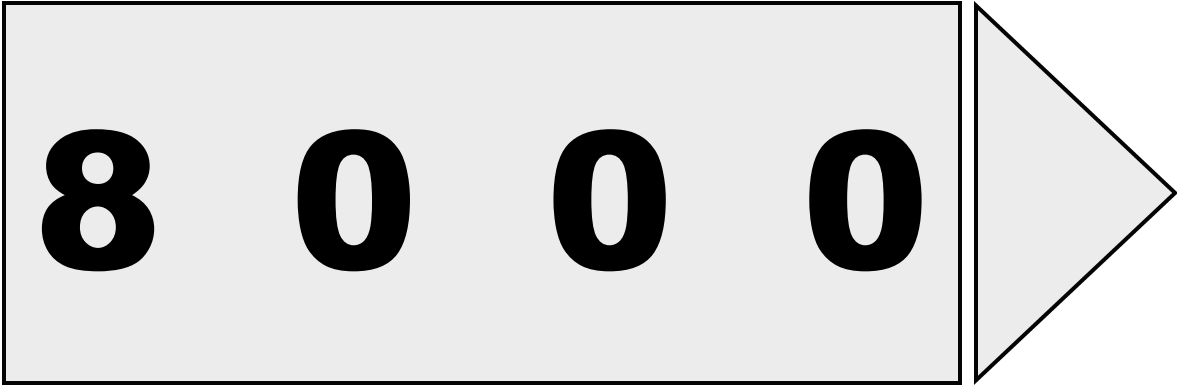
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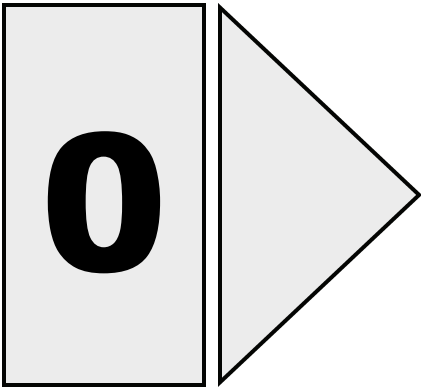
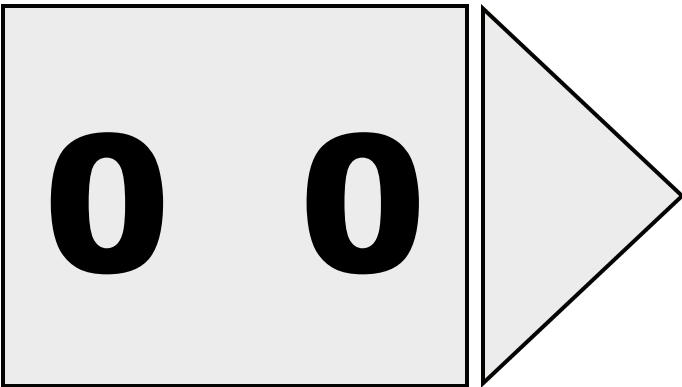
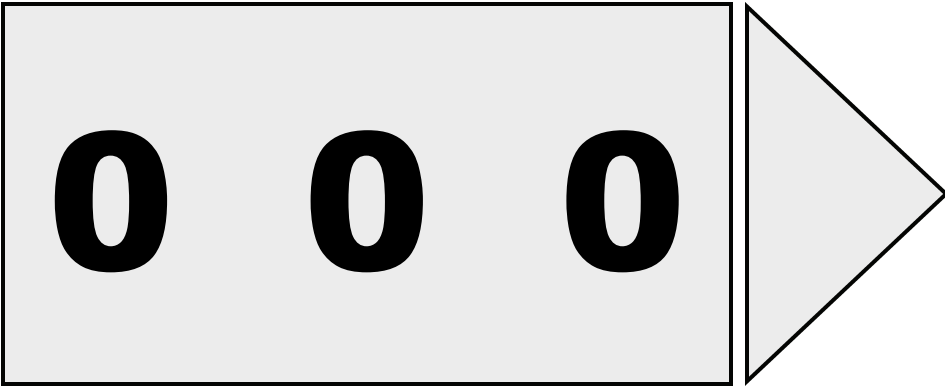
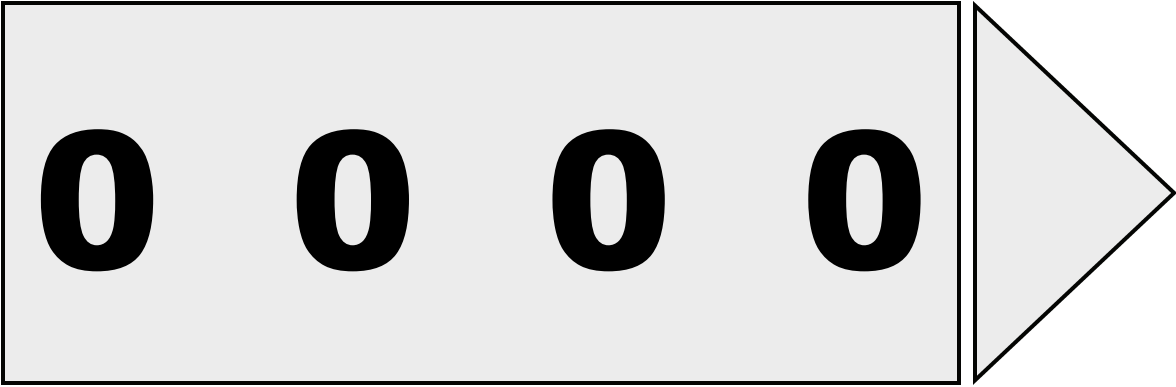
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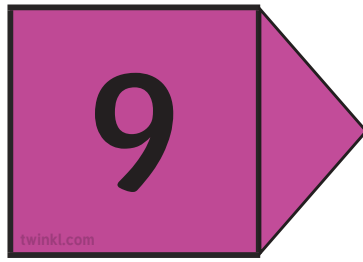
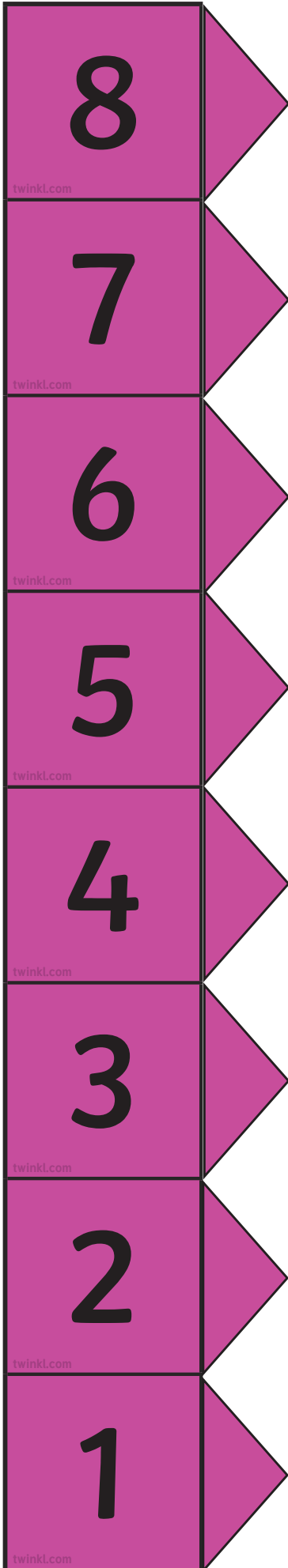
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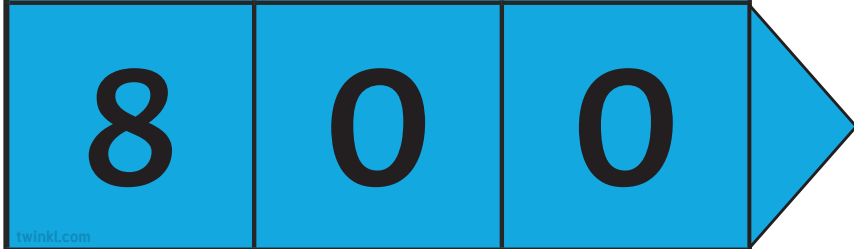
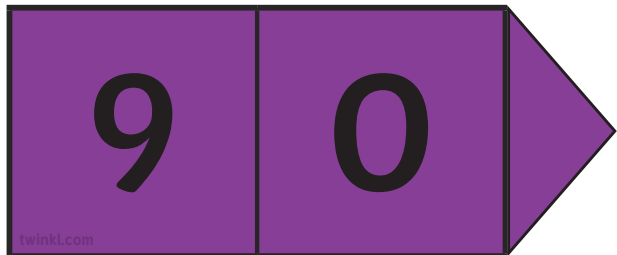
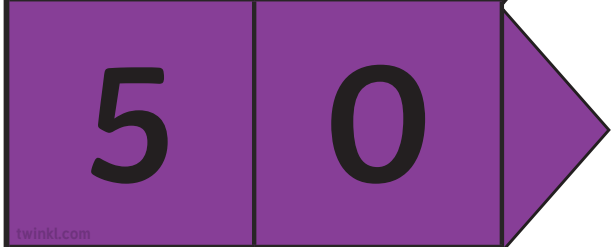
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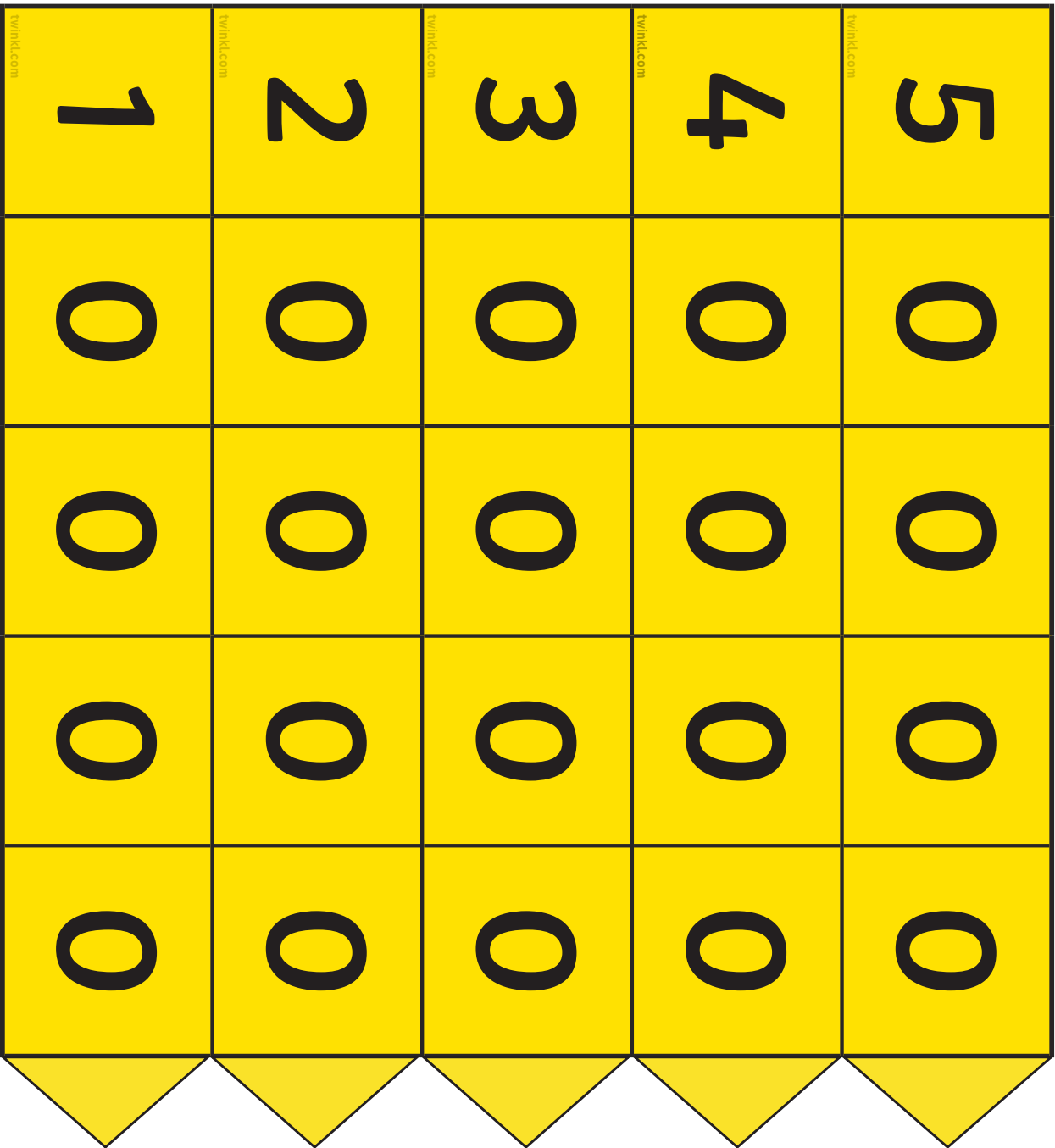
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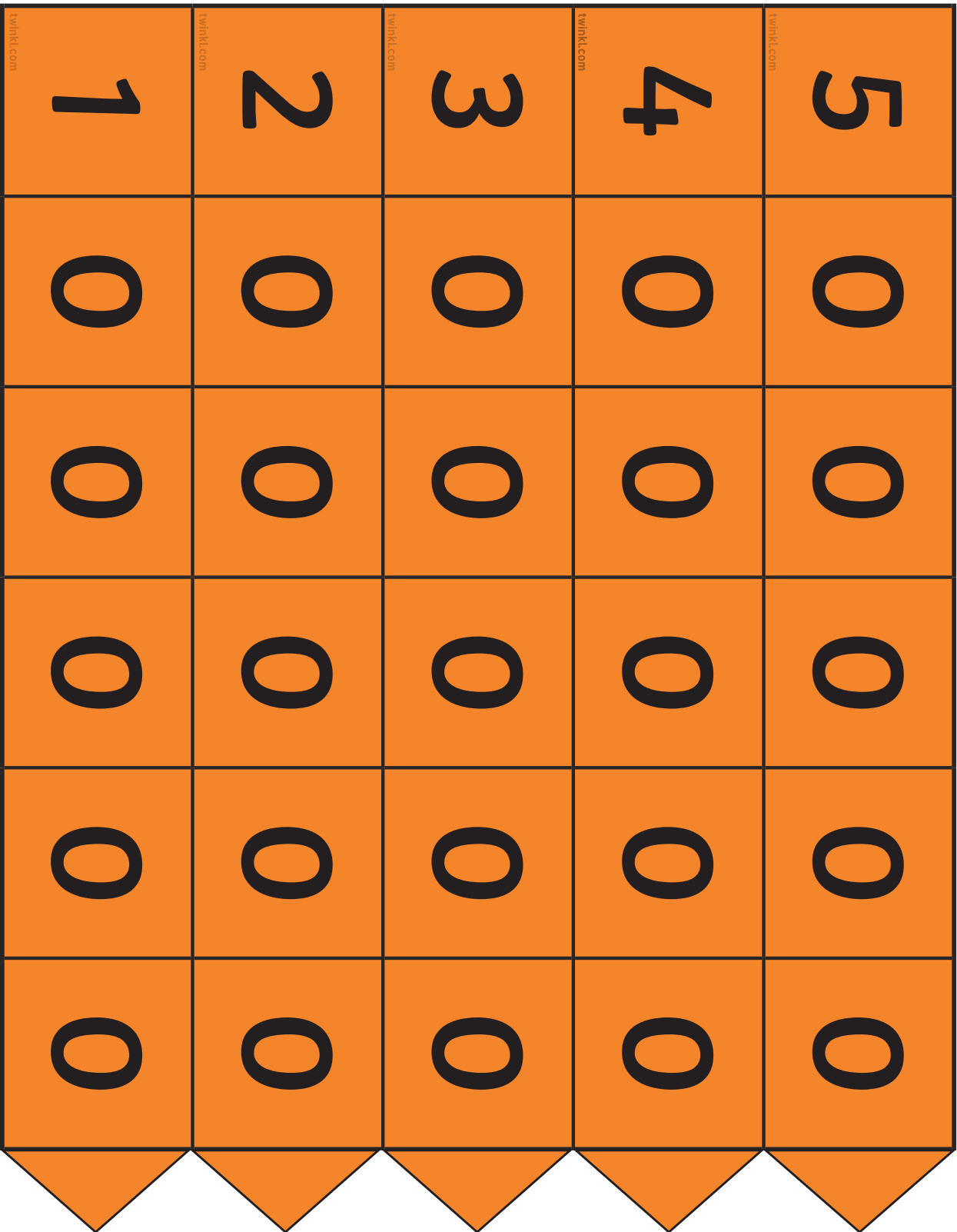
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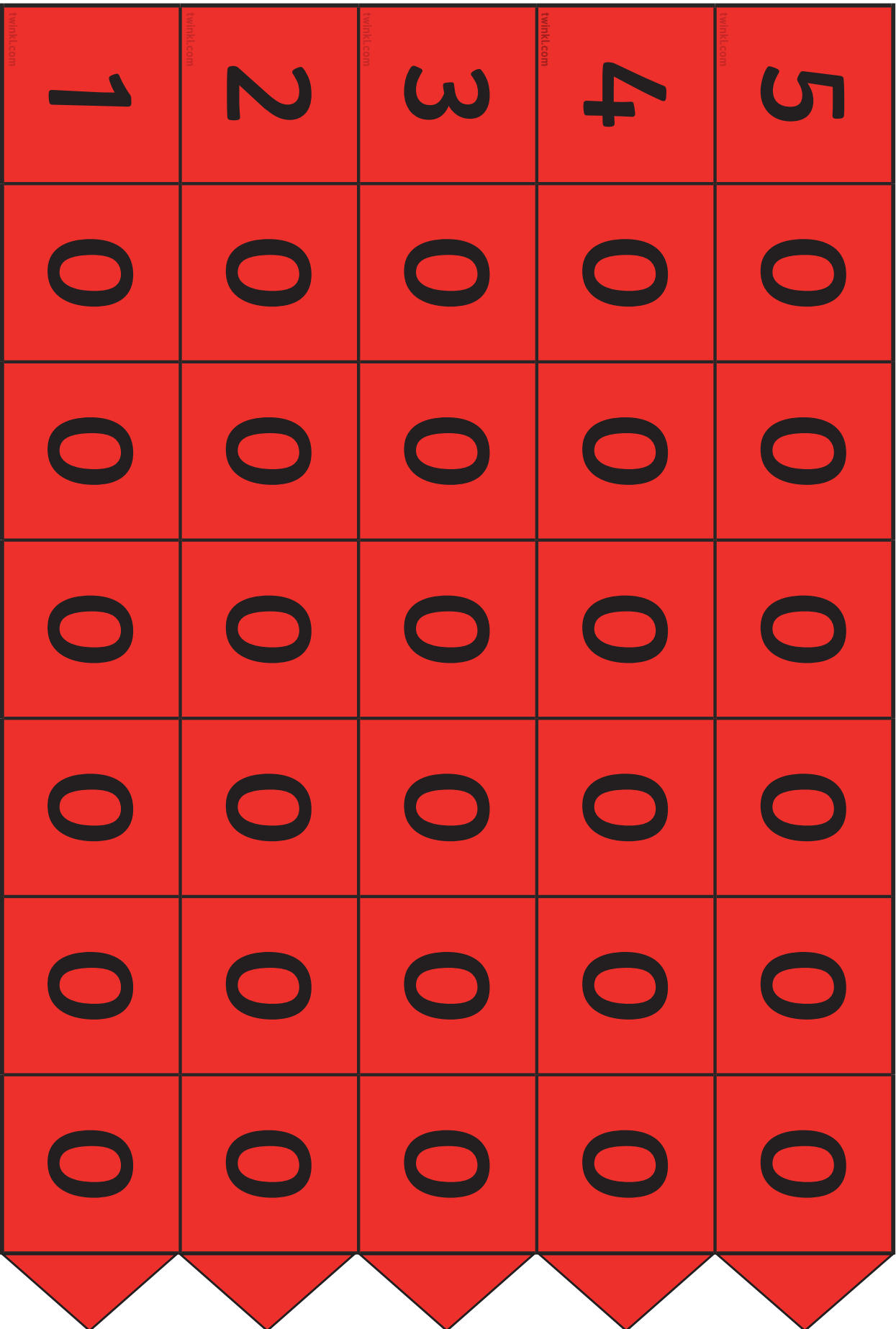
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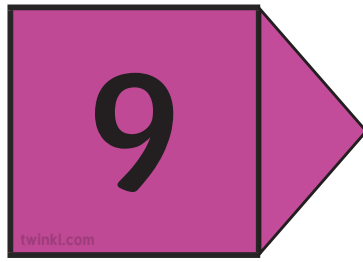
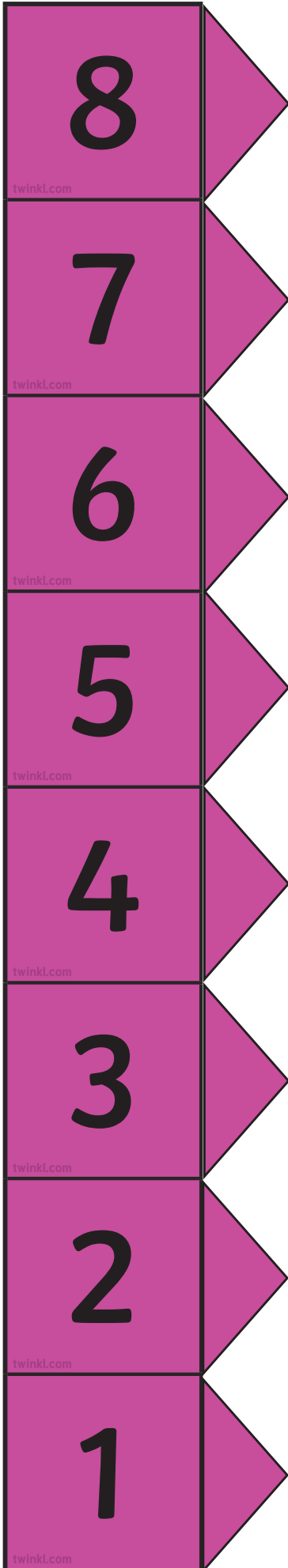
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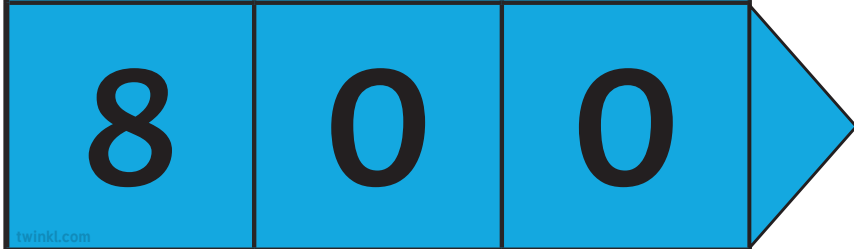
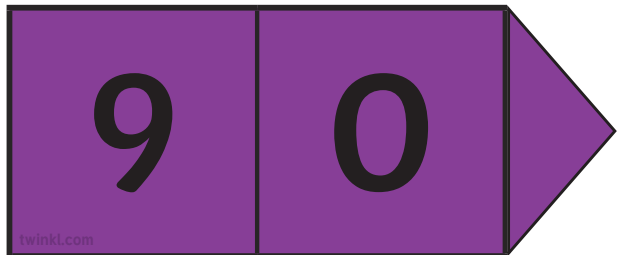
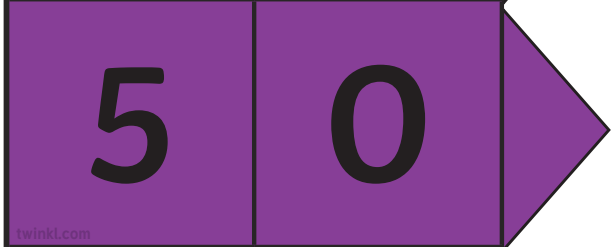
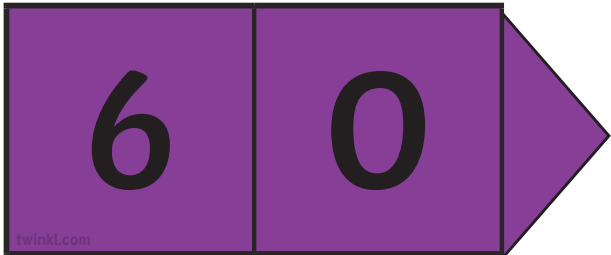
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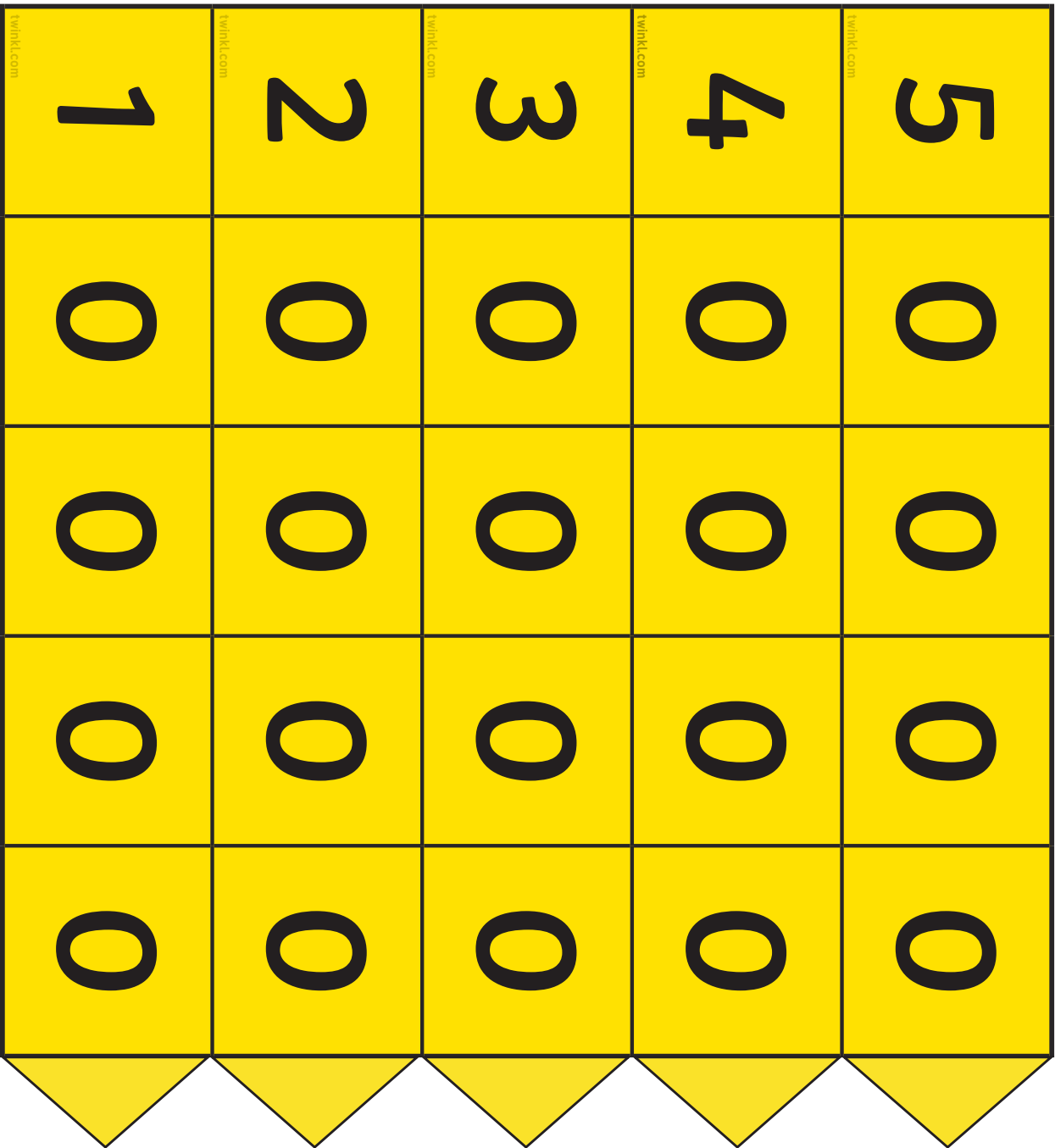
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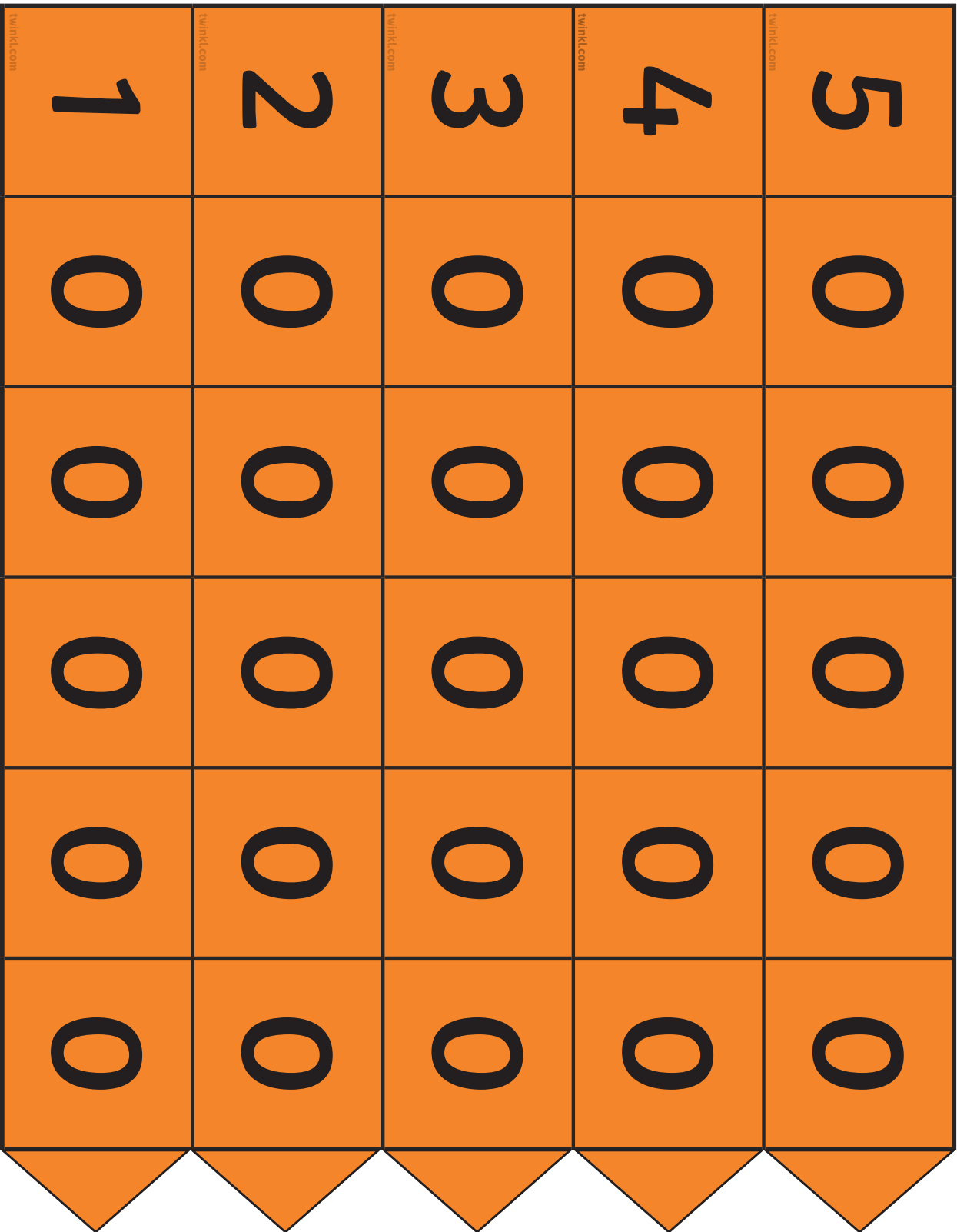
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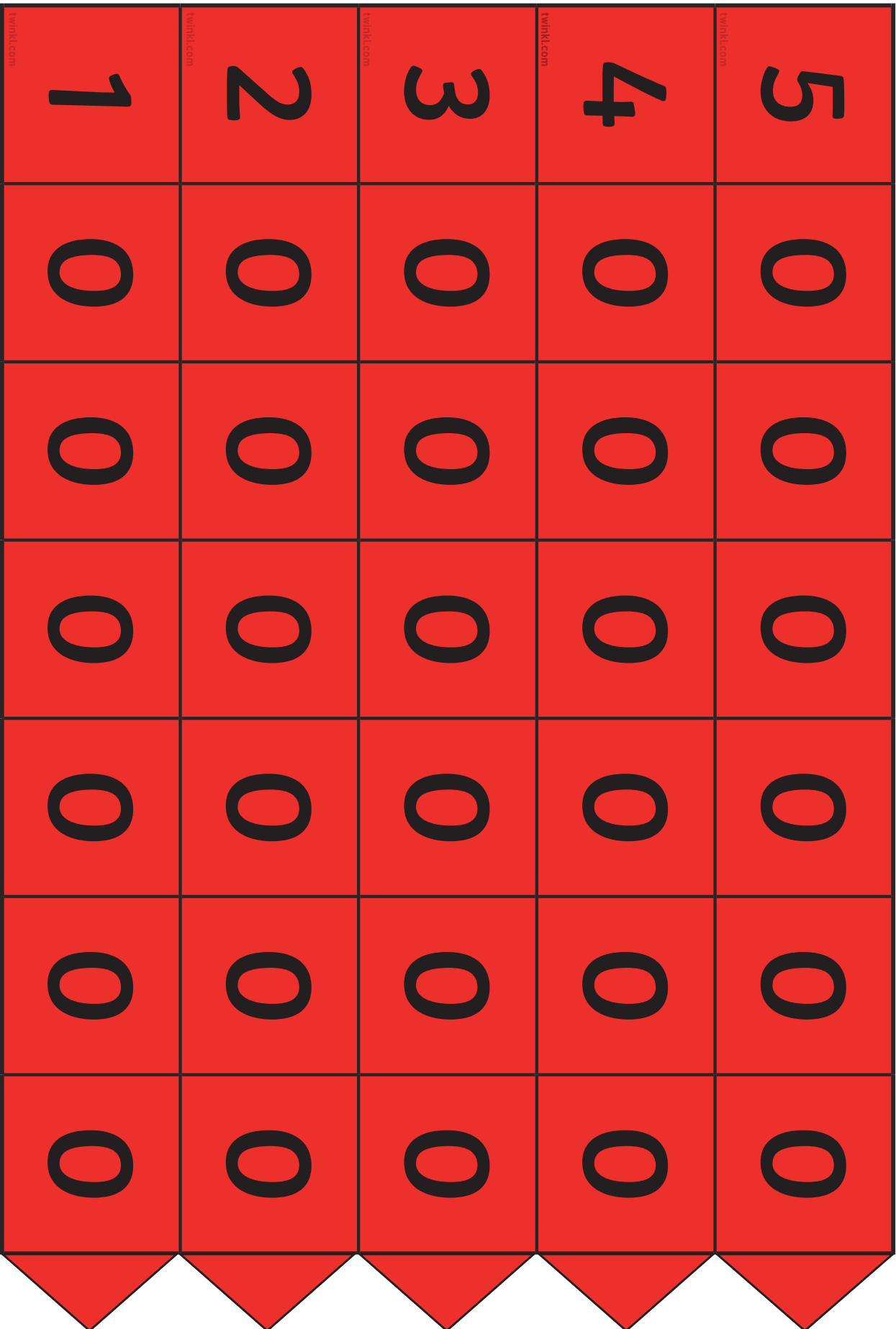
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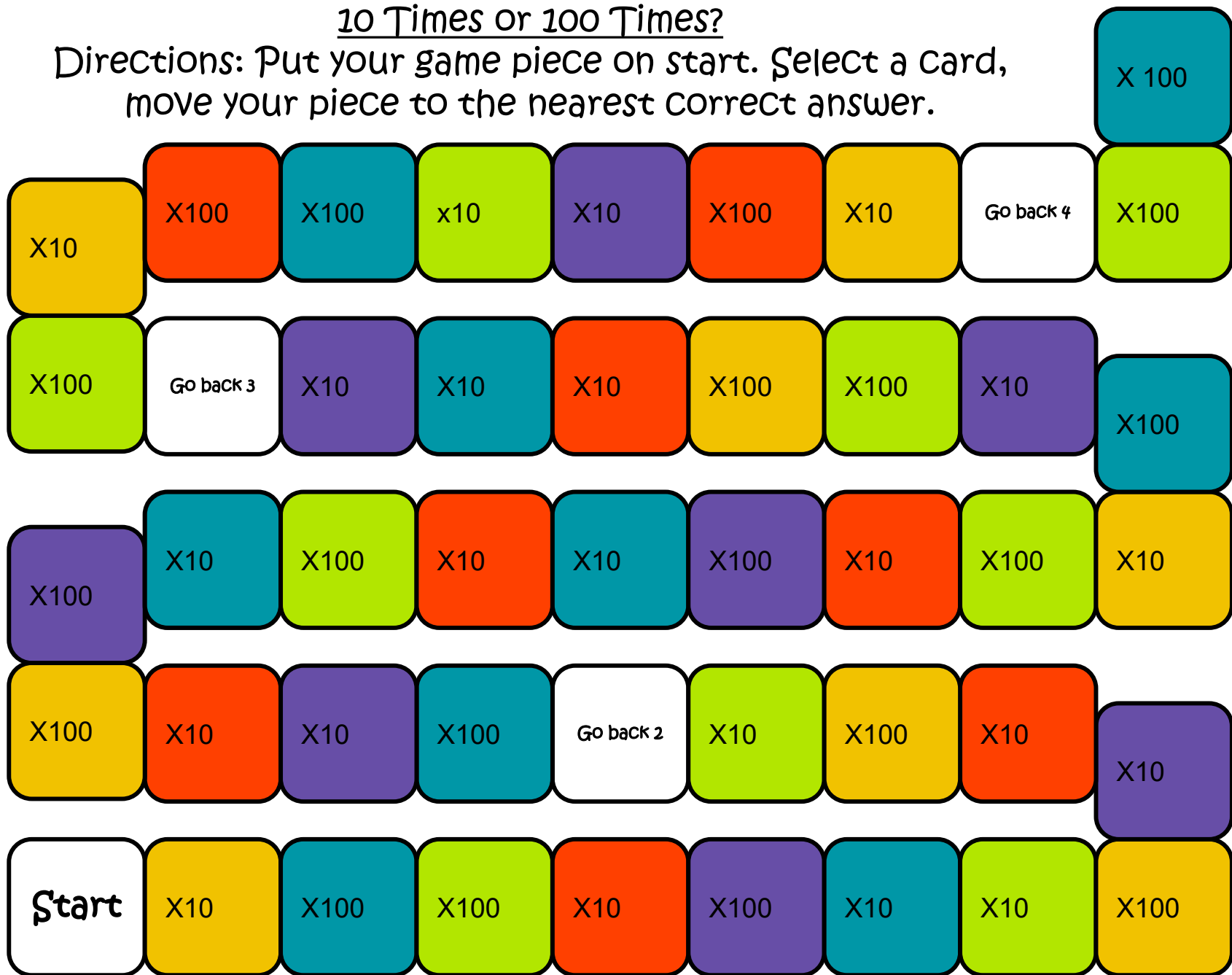
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10 Times or 100 Times?

Directions: Put your game piece on start. Select a card, move your piece to the nearest correct answer.



<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 45,<u>7</u>67</p> <p>B. 68,9<u>7</u>2</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 1<u>5</u>,851</p> <p>B. 69,0<u>5</u>6</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 143.<u>5</u>41</p> <p>B. 246,<u>2</u>56</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>3</u>61,112</p> <p>B. 22<u>6</u>,354</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 6<u>5</u>2,533</p> <p>B. 254,1<u>2</u>6</p>
<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 623,<u>2</u>21</p> <p>B. 315,6<u>5</u>2</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 524,<u>3</u>14</p> <p>B. 24,<u>1</u>15</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>4</u>6,164</p> <p>B. <u>5</u>4,165</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 63,<u>1</u>15</p> <p>B. 36,4<u>1</u>1</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 46,<u>5</u>56</p> <p>B. 15,6<u>3</u>5</p>
<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 2<u>5</u>,125</p> <p>B. 21,<u>5</u>65</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 31,<u>3</u>61</p> <p>B. 1,<u>1</u>16</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>4</u>3,315</p> <p>B. <u>4</u>,144</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 53,<u>3</u>14</p> <p>B. <u>1</u>,152</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 61,<u>1</u>54</p> <p>B. 44,<u>1</u>44</p>
<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 27, 8<u>4</u>5</p> <p>B. 17, <u>5</u>32</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 98, 3<u>2</u>0</p> <p>B. <u>2</u>, 175</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 4, <u>2</u>27</p> <p>B. <u>2</u>, 045</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 60<u>6</u>, 254</p> <p>B. <u>6</u>8, 413</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 8,<u>3</u>54</p> <p>B. 18, 20<u>3</u></p>

<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>2</u>,246</p> <p>B. 3,<u>2</u>16</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 4,2<u>4</u>3</p> <p>B. 2,1<u>5</u>4</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 66,<u>3</u>21</p> <p>B. 36,5<u>3</u>5</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>3</u>41</p> <p>B. 1,2<u>3</u>4</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>2</u>7,345</p> <p>B. 1,<u>2</u>89</p>
<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 6,<u>2</u>78</p> <p>B. 5,54<u>2</u></p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>4</u>00</p> <p>B. <u>4</u>0</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>7</u>,000</p> <p>B. <u>7</u>0</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>9</u>00,000</p> <p>B. <u>9</u>0,000</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>2</u>,220</p> <p>B. <u>2</u>20</p>
<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 9,<u>6</u>87</p> <p>B. 45,8<u>2</u>6</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 3<u>4</u>5</p> <p>B. <u>5</u>78</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 9<u>1</u>1</p> <p>B. <u>1</u>00</p>	<p>How many times smaller is the underlined digit in A than the underlined digit in B?</p> <p>A. 8,3<u>4</u>9</p> <p>B. <u>9</u>27</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>4</u>2</p> <p>B. 5<u>4</u></p>
<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>7</u>62</p> <p>B. <u>7</u></p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>3</u>,202</p> <p>B. <u>3</u>5</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>2</u>70</p> <p>B. <u>2</u>7</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. <u>2</u>00</p> <p>B. 4<u>2</u>0</p>	<p>How many times larger is the underlined digit in A than the underlined digit in B?</p> <p>A. 7<u>9</u>0</p> <p>B. 7<u>9</u></p>

10 Times or 100 Times

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