



# Place Value Tic-Tac-Toe

I can solve place value problems.



This is a game for 2 players. Take turns to select and complete a question on the board. Can you get 3 in a row (horizontally, vertically or diagonally)?

<p>Order the numbers from smallest to largest:</p> <p>26, 94, 71, 83, 9, 80</p>	<p>Compare the numbers using the following symbols: &lt; or &gt;</p> <p>12 <input type="text"/> 34</p> <p>45 <input type="text"/> 30</p> <p>59 <input type="text"/> 76</p> <p>99 <input type="text"/> 11</p> <p>78 <input type="text"/> 70</p>	<p>What is the value of 2 in these numbers?</p> <p>2</p> <p>12</p> <p>22</p> <p>52</p> <p>20</p>
<p>Write the following numbers in words:</p> <p>6</p> <p>11</p> <p>19</p> <p>25</p> <p>42</p>	<p>What is ten more than the following numbers?</p> <p>4</p> <p>15</p> <p>41</p> <p>73</p> <p>80</p>	<p>Write the following numbers in numerals:</p> <p>thirteen</p> <p>thirty-eight</p> <p>fifty-four</p> <p>seventy-seven</p> <p>sixty</p>
<p>Continue counting in multiples of 5.</p> <p>20, 25, 30 ...</p>	<p>Partition the following number in three different ways:</p> <p>28</p>	<p>What is ten less than the following numbers?</p> <p>19</p> <p>33</p> <p>68</p> <p>92</p> <p>57</p>



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Use this grid to complete your Tic-Tac-Toe game.




# Answers

<p>Order the numbers from smallest to largest:</p> <p>26, 94, 71, 83, 9, 80</p> <p><b>9, 26, 71, 80, 83, 94</b></p>	<p>Compare the numbers using the following symbols: &lt; or &gt;</p> <p>12 &lt; 34</p> <p>45 &gt; 30</p> <p>59 &lt; 76</p> <p>99 &gt; 11</p> <p>78 &gt; 70</p>	<p>What is the value of 2 in these numbers?</p> <p>2 - <b>two ones</b></p> <p>12 - <b>two ones</b></p> <p>22 - <b>two tens and two ones</b></p> <p>52 - <b>two ones</b></p> <p>20 - <b>two tens</b></p>
<p>Write the following numbers in words:</p> <p>6 - <b>six</b></p> <p>11 - <b>eleven</b></p> <p>19 - <b>nineteen</b></p> <p>25 - <b>twenty-five</b></p> <p>42 - <b>forty-two</b></p>	<p>What is ten more than the following numbers?</p> <p>4 - <b>14</b></p> <p>15 - <b>25</b></p> <p>41 - <b>51</b></p> <p>73 - <b>83</b></p> <p>80 - <b>90</b></p>	<p>Write the following numbers in numerals:</p> <p>thirteen - <b>13</b></p> <p>thirty-eight - <b>38</b></p> <p>fifty-four - <b>54</b></p> <p>seventy-seven - <b>77</b></p> <p>sixty - <b>60</b></p>
<p>Continue counting in multiples of 5.</p> <p>20, 25, 30 ...</p> <p><b>35, 40, 45, 50, 55, 60</b></p>	<p>Partition the following number in three different ways:</p> <p>28</p> <p><b>28 = 20 + 8</b></p> <p><b>28 = 18 + 10</b></p> <p><b>28 = 10 + 18</b></p>	<p>What is ten less than the following numbers?</p> <p>19 - <b>9</b></p> <p>33 - <b>23</b></p> <p>68 - <b>58</b></p> <p>92 - <b>82</b></p> <p>57 - <b>47</b></p>



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This is a game for 2 players. Take turns to select and complete a question on the board. Can you get 3 in a row (horizontally, vertically or diagonally)?

<p>Order the numbers from smallest to largest:</p> <p>12, 92, 29, 33, 71, 81, 18</p>	<p>Compare the numbers using the following symbols: <math>&lt;</math>, <math>&gt;</math> or <math>=</math></p> <p>19 <input type="text"/> 24</p> <p>65 <input type="text"/> 56</p> <p>49 <input type="text"/> 50</p> <p>99 <input type="text"/> 100</p> <p>70 <input type="text"/> 70</p>	<p>What is the value of 8 in these numbers?</p> <p>82</p> <p>18</p> <p>80</p> <p>88</p> <p>108</p>
<p>Write the following numbers in words:</p> <p>15</p> <p>27</p> <p>39</p> <p>73</p> <p>88</p>	<p>What is ten more than the following numbers?</p> <p>34</p> <p>75</p> <p>91</p> <p>63</p> <p>100</p>	<p>Write the following numbers in numerals:</p> <p>eighteen</p> <p>thirty-six</p> <p>forty-nine</p> <p>eighty</p> <p>ninety-five</p>
<p>Continue counting in multiples of 3.</p> <p>9, 12, 15 ...</p>	<p>Partition the following number in three different ways:</p> <p>79</p>	<p>What is ten less than the following numbers?</p> <p>36</p> <p>51</p> <p>99</p> <p>75</p> <p>82</p>



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# Answers

<p>Order the numbers from smallest to largest:</p> <p>12, 92, 29, 33, 71, 81, 18</p> <p><b>12, 18, 29, 33, 71, 81, 92</b></p>	<p>Compare the numbers using the following symbols: &lt;, &gt; or =</p> <p>19 &lt; 24</p> <p>65 &gt; 56</p> <p>49 &lt; 50</p> <p>99 &lt; 100</p> <p>70 = 70</p>	<p>What is the value of 8 in these numbers?</p> <p>82 - <b>8 tens</b></p> <p>18 - <b>8 ones</b></p> <p>80 - <b>8 tens</b></p> <p>88 - <b>8 tens and 8 ones</b></p> <p>108 - <b>8 ones</b></p>
<p>Write the following numbers in words:</p> <p>15 - <b>fifteen</b></p> <p>27 - <b>twenty-seven</b></p> <p>39 - <b>thirty-nine</b></p> <p>73 - <b>seventy-three</b></p> <p>88 - <b>eighty-eight</b></p>	<p>What is ten more than the following numbers?</p> <p>34 - <b>44</b></p> <p>75 - <b>85</b></p> <p>91 - <b>101</b></p> <p>63 - <b>73</b></p> <p>100 - <b>110</b></p>	<p>Write the following numbers in numerals:</p> <p>eighteen - <b>18</b></p> <p>thirty-six - <b>36</b></p> <p>forty-nine - <b>49</b></p> <p>eighty - <b>80</b></p> <p>ninety-five - <b>95</b></p>
<p>Continue counting in multiples of 3.</p> <p>9, 12, 15 ...</p> <p><b>18, 21, 24, 27, 30, 33</b></p>	<p>Partition the following number in three different ways:</p> <p>79</p> <p>Example answers:</p> <p><b>79 = 70 + 9</b></p> <p><b>79 = 69 + 10</b></p> <p><b>79 = 60 + 19</b></p>	<p>What is ten less than the following numbers?</p> <p>36 - <b>26</b></p> <p>51 - <b>41</b></p> <p>99 - <b>89</b></p> <p>75 - <b>65</b></p> <p>82 - <b>72</b></p>



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I can solve place value problems.



This is a game for 2 players. Take turns to select and complete a question on the board. Can you get 3 in a row (horizontally, vertically or diagonally)?

<p>Write 5 comparison statements using these symbols:</p> <p>&lt; &gt;</p>	<p>Order the following from largest to smallest:</p> <p>six tens, 79, 50 + 12, eighty-four</p>	<p>Samir says that all multiples of 3 are even numbers.</p> <p>Is he correct?</p> <p>Explain your answer.</p>
<p>Write the following in numerals:</p> <p>ninety-nine sixty-one sixteen eighty-eight one hundred</p>	<p>Solve the riddle:</p> <ul style="list-style-type: none"><li>• This number is a two-digit number.</li><li>• It is an even number.</li><li>• Its tens digit is one more than the ones digit.</li><li>• The tens digit is the same as 4 x 2</li></ul> <p>What is the number?</p>	<p>Which numbers will follow the sequence?</p> <p>31, 41, 51 ...</p>
<p>Continue counting back in multiples of 3.</p> <p>39, 36, 33 ...</p>	<p>Can you write these numbers in their expanded form?</p> <p>Example: 73 = 70 + 3</p> <p>62 38 51 99 103</p>	<p>Use two of these digits to make the sentence correct.</p> <p>How many correct sentences can you make?</p> <p>2   3   5   7   9</p> <p><input type="text"/> <input type="text"/> is less than 75.</p>



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# Answers

<p>Write 5 comparison statements using these symbols:</p> <p style="text-align: center;"><math>&lt;</math>   <math>&gt;</math></p> <p>As long as the larger part of the symbol is pointing to the largest number, the sentence is correct.</p> <p><i>e.g. <math>20 &lt; 100</math></i></p>	<p>Order the following from largest to smallest:</p> <p>six tens, 79, <math>50 + 12</math>, eighty-four</p> <p><i>eighty-four, 79, <math>50 + 12</math>, six tens</i></p>	<p>Samir says that all multiples of 3 are even numbers.</p> <p>Is he correct?</p> <p>Explain your answer.</p> <p><i>No because 9 is a multiple of 3 and it is an odd number, as is 15 and 21 and 27. This pattern then repeats after 30.</i></p>
<p>Write the following in numerals:</p> <p>ninety-nine - <b>99</b></p> <p>sixty-one - <b>61</b></p> <p>sixteen - <b>16</b></p> <p>eighty-eight - <b>88</b></p> <p>one hundred - <b>100</b></p>	<p>Solve the riddle:</p> <ul style="list-style-type: none"><li>• This number is a two-digit number.</li><li>• It is an even number.</li><li>• Its tens digit is one more than the ones digit.</li><li>• The tens digit is the same as <math>4 \times 2</math></li></ul> <p>What is the number? <b>87</b></p>	<p>Which numbers will follow the sequence?</p> <p style="text-align: center;">31, 41, 51 ...</p> <p style="text-align: center;"><b>61, 71, 81, 91, 101</b></p>
<p>Continue counting back in multiples of 3.</p> <p style="text-align: center;">39, 36, 33 ...</p> <p><b>30, 27, 24, 21, 18, 15, 12, 9, 6, 3, 0</b></p>	<p>Can you write these numbers in their expanded form?</p> <p>Example: <math>73 = 70 + 3</math></p> <p><math>62 = 60 + 2</math></p> <p><math>38 = 30 + 8</math></p> <p><math>51 = 50 + 1</math></p> <p><math>99 = 90 + 9</math></p> <p><math>103 = 100 + 3</math></p>	<p>Use two of these digits to make the sentence correct.</p> <p>How many correct sentences can you make?</p> <p style="text-align: center;">2   3   5   7   9</p> <p><input type="text"/> <input type="text"/> is less than 75.</p> <p><b>23, 25, 27, 29, 32, 35, 37, 39, 52, 53, 57, 59, 72, 73</b></p>