

Number and Place Value Challenge Cards



Number and Place Value

1. Convert these numbers into words.

56 832

9827

591 034

7 310 962

Number and Place Value

2. Start at 19 674.

Count on 5 steps in each of the following:

- in steps of ten;
- in steps of one hundred;
- in steps of one thousand.

Number and Place Value

3. Can you convert these Roman numerals into Arabic numbers, and then place them in order, largest to smallest?

IX, D, CDVI, LXXV, DCII, XLIV

Number and Place Value

4. How many different ways can you partition this number?

845 912

Number and Place Value

5. Add one of these symbols $<$ $>$ $=$ to make the following number statements correct.

1273 2317

32 512 34 125

186 168

874 132 847 312

Number and Place Value

6. Round these numbers to the given degree of accuracy.

385 to the nearest 100

49 812 to the nearest 10

8 458 127 to the nearest 10 000

462 198 to the nearest 1000

Number and Place Value

7. Circle the numbers that round to 3 when rounding to the nearest whole number.

3.4 3.25 3.9 2.45 2.8 3.19 2.61

Number and Place Value

8. Order these numbers lowest to highest.

-3, 1, 0, 9, -5, 8, -2, -10, 4, -6

Number and Place Value Challenge Cards Answers

<p>1. Convert these numbers into words.</p> <p>56 832 - <i>Fifty-six thousand, eight hundred and thirty-two</i></p> <p>9827- <i>Nine thousand, eight hundred and twenty-seven</i></p> <p>591 034- <i>Five hundred and ninety-one thousand and thirty-four</i></p> <p>7 310 962- <i>Seven million, three hundred and ten thousand, nine hundred and sixty-two</i></p>	<p>2. Start at 19 674.</p> <p>Count on 5 steps in each of the following:</p> <ul style="list-style-type: none">• in steps of ten; <i>19 684, 19 694, 19 704, 19 714, 19 724</i>• in steps of one hundred; <i>19 774, 19 874, 19 974, 20 074, 20 174</i>• in steps of one thousand. <i>20 674, 21 674, 22 674, 23 674, 24 674</i>
<p>3. Can you convert these Roman numerals into Arabic numbers, and then place them in order, largest to smallest?</p> <p>IX, D, CDVI, LXXV, DCII, XLIV</p> <p><i>IX = 9</i></p> <p><i>D = 500</i></p> <p><i>CDVI = 406</i></p> <p><i>LXXV = 75</i></p> <p><i>DCII = 602</i></p> <p><i>XLIV = 44</i></p> <p><i>DCII, D, CDVI, LXXV, XLIV, IX</i></p>	<p>4. How many different ways can you partition this number?</p> <p>845 912</p> <p><i>Multiple answers.</i></p>
<p>5. Add one of these symbols < > = to make the following number statements correct.</p> <p>1273 <input type="text"/> 2317</p> <p>32 512 <input type="text"/> 34 125</p> <p>186 <input type="text"/> 168</p> <p>874 132 <input type="text"/> 847 312</p>	<p>6. Round these numbers to the given degree of accuracy.</p> <ul style="list-style-type: none">• 385 to the nearest 100 = <i>400</i>• 49 812 to the nearest 10 = <i>49 810</i>• 8 458 127 to the nearest 10 000 = <i>8 460 000</i>• 462 198 to the nearest 1000 = <i>462 000</i>
<p>7. Circle the numbers that round to 3 when rounding to the nearest whole number.</p> <p><input type="text"/> 3.4 <input type="text"/> 3.25 <input type="text"/> 3.9 <input type="text"/> 2.45 <input type="text"/> 2.8 <input type="text"/> 3.19 <input type="text"/> 2.61</p>	<p>8. Order these numbers lowest to highest.</p> <p>-3, 1, 0, 9, -5, 8, -2, -10, 4, -6</p> <p>-10, -6, -5, -3, -2, 0, 1, 4, 8, 9</p>