Scientific Notation and Metric Conversion Practice

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| 1. The approximate distance from Saturn to the Sun is 888,000,000 miles. Convert this number to scientific notation
	1. 888 x 106
	2. 8.88 x 10-8
	3. 8.88 x 108
	4. 88.8 x 107
 | 1. Bill Gates’ estimated net worth is 93.2 billion dollars. Which number represents this number in scientific notation?
	1. 9.32 x 100 billion
	2. 9.32 x 101 billion
	3. 0.932 x 102 billion
	4. 932 x 10-1 billion
 | 1. The thickness of a human hair is 3 x 10-6 millimeters. Express this number in standard form
	1. 3,000,000
	2. 300,000
	3. 0.000003
	4. 0.0000003
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| **Directions**: Solve each problem. Look for your answer in the decoder at the bottom of the page. Each time your answer appears, write the letter of the problem above it.  |
| 1. 1cm = \_\_\_\_\_\_\_\_\_\_\_ mm (O)
2. 200,000 cm = \_\_\_\_\_\_\_\_\_\_\_ Hm (R)
3. 0.06 m = \_\_\_\_\_\_\_\_\_\_\_ mm (B)
4. 14 cL = \_\_\_\_\_\_\_\_\_\_\_ mL (M)
5. 1,000,000 mL = \_\_\_\_\_\_\_\_\_\_\_ kL (N)
6. 300 dL = \_\_\_\_\_\_\_\_\_\_\_ DL (W)
7. 900 cL = \_\_\_\_\_\_\_\_\_\_\_ L (T)
 | 1. 110 mg = \_\_\_\_\_\_\_\_\_\_\_ cg (E)
2. 0.750 g = \_\_\_\_\_\_\_\_\_\_\_ mg (A)
3. 9.43 kg = \_\_\_\_\_\_\_\_\_\_\_ g (H)
4. 2.0406 x 107g = \_\_\_\_\_\_\_\_\_\_\_ kg (F)
5. 204000 mL = \_\_\_\_\_\_\_\_\_\_\_ L (L)
6. 15 dg = \_\_\_\_\_\_\_\_\_\_\_ g (Y)
7. 3 ½ cm = \_\_\_\_\_\_\_\_\_\_\_ mm (S)
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