

Scientific Notation and Metric Conversion Practice

<p>1) The approximate distance from Saturn to the Sun is 888,000,000 miles. Convert this number to scientific notation</p> <p>a. 888×10^6 b. 8.88×10^{-8} c. 8.88×10^8 d. 88.8×10^7</p>	<p>2) Bill Gates' estimated net worth is 93.2 billion dollars. Which number represents this number in scientific notation?</p> <p>a. 9.32×10^0 billion b. 9.32×10^1 billion c. 0.932×10^2 billion d. 932×10^{-1} billion</p>	<p>3) The thickness of a human hair is 3×10^{-6} millimeters. Express this number in standard form</p> <p>a. 3,000,000 b. 300,000 c. 0.000003 d. 0.0000003</p>
--	---	---

Why was Cinderella thrown off the baseball team?



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.

<p>4) 1cm = _____ mm (O)</p>	<p>11) 110 mg = _____ cg (E)</p>
<p>5) 200,000 cm = _____ Hm (R)</p>	<p>12) 0.750 g = _____ mg (A)</p>
<p>6) 0.06 m = _____ mm (B)</p>	<p>13) 9.43 kg = _____ g (H)</p>
<p>7) 14 cL = _____ mL (M)</p>	<p>14) 2.0406×10^7g = _____ kg (F)</p>
<p>8) 1,000,000 mL = _____ kL (N)</p>	<p>15) 204000 mL = _____ L (L)</p>
<p>9) 300 dL = _____ DL (W)</p>	<p>16) 15 dg = _____ g (Y)</p>
<p>10) 900 cL = _____ L (T)</p>	<p>17) $3 \frac{1}{2}$ cm = _____ mm (S)</p>

35	9430	11	20	750	1	750	3	750	$1 \frac{1}{2}$	
20406	20	10	140	9	9430	11	60	750	204	204