How do you use the “ladder” method?

1st – Determine your starting point.

2nd – Count the “jumps” to your ending point.

3rd – Move the decimal the same number of jumps in the same direction.

4 km = _________ m

Starting Point    Ending Point

How many jumps does it take?

4. __. __. __. = 4000 m
Try these conversions using the ladder method.

1000 mg = _______ g  
1 L = _______ mL  
160 cm = _______ mm

14 km = _______ m  
109 g = _______ kg  
250 m = _______ km

Compare using <, >, or =.

56 cm  \[\bigcirc\]  6 m

7 g  \[\bigcirc\]  698 mg
Metric Conversion Challenge

Write the correct abbreviation for each metric unit.

1) Kilogram _____ 4) Milliliter _____ 7) Kilometer _____
2) Meter _____ 5) Millimeter _____ 8) Centimeter _____
3) Gram _____ 6) Liter _____ 9) Milligram _____

Try these conversions, using the ladder method.

10) 2000 mg = _______ g 15) 5 L = _______ mL 20) 16 cm = _______ mm
11) 104 km = _______ m 16) 198 g = _______ kg 21) 2500 m = _______ km
12) 480 cm = _____ m 17) 75 mL = _____ L 22) 65 g = _____ mg
13) 5.6 kg = _____ g 18) 50 cm = _____ m 23) 6.3 cm = _____ mm
14) 8 mm = _____ cm 19) 5.6 m = _____ cm 24) 120 mg = _____ g
Compare using <, >, or =.

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<tr>
<td>25) 63 cm</td>
<td>&lt;</td>
<td>6 m</td>
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<tr>
<td>26) 536 cm</td>
<td>&gt;</td>
<td>53.6 dm</td>
<td></td>
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<td>27) 5 g</td>
<td>&gt;</td>
<td>508 mg</td>
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<tr>
<td>28) 43 mg</td>
<td>&gt;</td>
<td>5 g</td>
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<tr>
<td>29) 1,500 mL</td>
<td>&gt;</td>
<td>1.5 L</td>
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<tr>
<td>30) 3.6 m</td>
<td>&lt;</td>
<td>36 cm</td>
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