1. Write the abbreviation for and identify each of the following as metric, US household or apothecary systems of measure.

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Measurement System</th>
</tr>
</thead>
<tbody>
<tr>
<td>___________</td>
<td>teaspoon</td>
</tr>
<tr>
<td>___________</td>
<td>kiloliter</td>
</tr>
<tr>
<td>___________</td>
<td>grain</td>
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</tbody>
</table>

2. 110 lb = ________ kg

3. 500 mL = ___________ qt

4. 7 fl oz = ________ mL

5. 80 gr = _____________ g

6. Circle the answer: If 300 jellybeans cost x dollars, how many jellybeans can you purchase for 50 cents at the same rate?
   A. 150 / x
   B. 150x
   C. 6x
   D. x / 6
   E. 1500x

7. Circle the answer: You have orders to give a patient 20 mg of a certain medication. The medication is stored 4 mg per 5-mL dose. How many milliliters will need to be given?
   A. 15 mL
   B. 20 mL
   C. 25 mL
   D. 30 mL

8. Complete the following statements:
   1000 mg = ___________ g
2.2 lbs = __________ kg
30 cc = __________ fl oz
2.54 cm = __________ inch(s)

9. A pharmacist needs to make 100 capsules, each containing 1 mg of a drug. The drug comes in a bulk package of 500 grams. How many grams of the drug will be needed to make the capsules?
   A. 1 gram
   B. 1 gram
   C. 25 grams
   D. 100 grams

10. Complete the following proportions:

\[
\frac{8 \text{ oz}}{16 \text{ Tablespoons}} = \frac{x \text{ oz}}{3 \text{ Tablespoons}}
\]

\[
\frac{4 \text{ fl oz}}{120 \text{ cc}} = \frac{1 \text{ fl oz}}{x \text{ cc}}
\]

\[
\frac{1 \text{ ml}}{x \text{ L}} = \frac{5 \text{ ml}}{.005 \text{ L}} \quad \frac{1 \text{ ml}}{x \text{ L}} = \frac{5 \text{ ml}}{.005 \text{ L}}
\]