Apprenticeship Math 12
ASSIGNMENT: Metric Measurement

Name: _____

Date: _____

1. Convert the following.

   a) 121 cm = _____ mm

   b) 121 cm = _____ m

   c) 265.2 m = _____ mm

   d) 265.2 m = _____ cm

   e) 111.4 m = _____ km

   f) 1450 m = _____ km

   g) 3.2 km = _____ cm

   h) 42 mm = _____ cm

   i) 42 mm = _____ m

   j) 2.2 m = _____ mm

   k) 0.125 m = _____ mm

   l) 12 km = _____ m

   m) 0.15 cm = _____ m

   n) 1250 mm = _____ m

   o) 12 cm = _____ m

   p) 1456 m = _____ km

   q) 50 500 cm = _____ km

   r) 4.56 cm = _____ mm

2. Convert the following to the same unit so that you can add.

   a) 3.60 m + 14 cm = _____ m

   b) 3.96 km + 298 m = _____ km

   c) 46.9 cm + 23 m + 558 mm = _____ m

   d) 18.4 cm + 8 mm + 0.75 m = _____ cm

3. A painting that is 95 cm wide has an oak frame 30 mm wide. Will it fit into a packing crate that is one meter long?

4. Bruce is 1.85 m tall. Today he is wearing shoes with a 18 mm thick sole and a hat that is 17 cm tall. Will he be able to pass through a two meter high door without stooping?