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Units of Measure

measurement: the process used
to find sizes, quantities, or amount

accurate: a measure that is
nearly exact

precision: the exactness to which
a measure is made

*** Smaller units are more precise

Ex: Which unit of measure is more precise?

a.) **cm, m**

b.) **cups, quarts**

c.) **mile, foot**

d.) **cm, inch**

Which tools are best?

linear objects: ruler, tape measure,
meter/yard stick

liquids: graduated cylinder, beakers,
measuring cups

scales: weight or mass

others: protractor, compass,
thermometer, stopwatch

estimation: an approximate
measure when an exact
measure isn't available

Ex: Choose the best estimate for each measure.

a.) length of a classroom:

30 cm, 30 ft, 30 yd

b.) diameter of a basketball:

24 ft, 24 cm, 24 mm

c.) width of a doorway:

3 in, 3 ft, 3 yd

d.) water in a fish tank:

10 cups, 10 quarts, 10 gallons



Homework:

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