

**ITEMS FOR REVIEW FOR COMPETENCY #:**

- Scales
  - Types
  - Descriptions
  - Number of indications
  - Equivalent numerical ratios
- Instrument drafting
- Line thicknesses and names
- Basic metric unit of measurement

**TERMS TO BE DEFINED OR IDENTIFIED for COMPETENCY 2:**

- Scale
- Full-divided
- Open-divided
- Steel rule
- Half size
- Quarter size
- Mechanical scale
- Centimeter
- Triangles
- Drafting machine
- Meter
- Millimeter
- Dividers
- Metric scale
- Architects scale
- Phantom line

**SAMPLE REVIEW QUESTIONS:**

1. 1:4 on the mechanical scale indicates the drawing is 4 times the size of the object.  
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2. What does 1:10 on a metric scale indicate?
3. The most common form of the steel rule is 8' long.  
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4. What is the thickest line used on a drawing?
  - a. Cutting plane
  - b. Border
  - c. Object line
  - d. Phantom line
5. There are 12 scale indications on a standard triangular mechanical scale.  
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