

Engineering Level 1 Quiz - Answer Key

1) Which of the following is an example of a standardized unit of measurement?

Select one:

- a) Cubit
- b) Pace
- c) Foot
- d) Girth

2) Which of the following units are examples of the metric system?

Select one:

- a) Foot
- b) Inch
- c) Meter
- d) Liter

3) Which of the following units are examples of the standard system?

Select one:

- a) Mile
- b) Kilometer
- c) Centimeter
- d) Yard

4) This type of engineering drawing is used for brainstorming. It is not used as finished plans.

Select one:

- a) Thumbnail
- b) Isometric
- c) Orthographic

5) This type of engineering drawing is 3D. It has accurate dimensions and scale. It can be used as plans.

Select one:

- a) Thumbnail
- b) Isometric
- c) Orthographic

6) This type of engineering drawing has a front, top, and right-side view. It is commonly used in manufacturing.

Select one:

- a) Thumbnail
- b) Isometric
- c) Orthographic



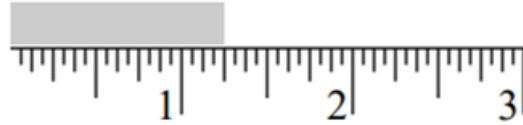
Name: _____

Period: _____

7) What measurement is shown on this ruler?

Select one:

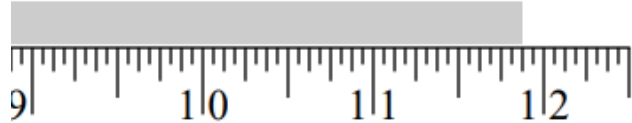
- a) $1 \frac{1}{2}$ "
- a) $\frac{1}{2}$ "
- b) $1 \frac{1}{4}$ "
- c) $1 \frac{1}{8}$ "



8) What measurement is shown on this ruler?

Select one:

- a) 12"
- b) $11 \frac{3}{4}$ "
- c) $11 \frac{7}{8}$ "
- d) 11"



9) What command do you press first after you start a new file on Onshape?



Select one:

- a) Corner Rectangle
- b) Line
- c) Sketch
- d) Extrude

10) What command do you use to turn a 2D sketch into a 3D object on Onshape?



Select one:

- a) Corner Rectangle
- b) Line
- c) Sketch
- d) Extrude