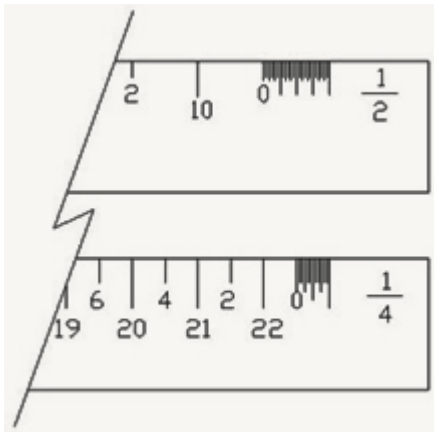


(These items were developed by teachers for the Technical Skills Assessment. Below is a sample item for each program standard.)

**Question 1 of 7**

What type of scale is represented by this image?



- A) Architectural
- B) Engineering
- C) Metric
- D) Civil

**Question 2 of 7**

What does this symbol represent?



- A) Diameter
- B) Parallelism
- C) Equal
- D) Angularity

### Question 3 of 7

A drawing is to be plotted on a 1:2 scale. What is the scale factor for scaling down the drawing?

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- A) 2
- B) 1
- C) 1/2
- D) 5

### Question 4 of 7

What output device would be used to produce a physical prototype?

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- A) Plotter
- B) Digitizer
- C) 3D scanner
- D) 3D printer

### Question 5 of 7

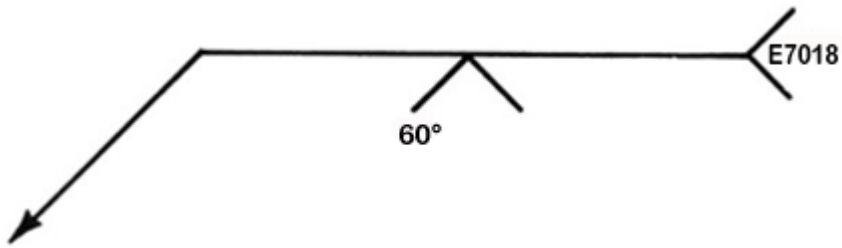
What is the line that indicates a nonvisible feature?

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- A) Extension
- B) Visible
- C) Hidden
- D) Cutting plane

### Question 6 of 7

What does this symbol represent?



- A) V-groove weld
- B) Flag weld
- C) Note leader
- D) Fillet weld

### Question 7 of 7

What is NOT a component of a dimensioning system?

- A) Arrow heads
- B) Leader lines
- C) Orientation lines
- D) Extension lines

Mechanical Drafting Sample Test Answer Key

<b>Question</b>	<b>Answer</b>
1.	A
2.	B
3.	C
4.	D
5.	C
6.	A
7.	C