

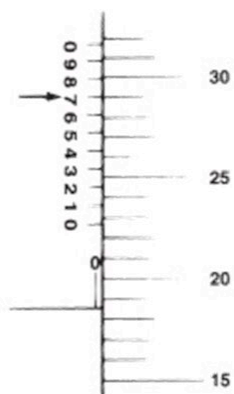
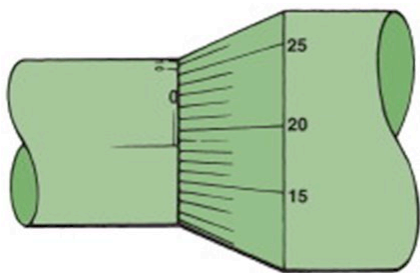
Name \_\_\_\_\_

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

- 1) Which tool is best to measure valve guide diameter? 1) \_\_\_\_\_  
A) Small hole gauge  
B) Telescoping gauge  
C) Feeler gauge  
D) None of these
- 2) A dial indicator may be mounted by \_\_\_\_\_. 2) \_\_\_\_\_  
A) magnetic mount  
B) clamp mount  
C) threaded rod  
D) any of these
- 3) Which measuring gauge needs to be set up (adjusted) to a fixed dimension before use? 3) \_\_\_\_\_  
A) Dial indicator  
B) Dial bore gauge  
C) Dial caliper  
D) Micrometer
- 4) There are \_\_\_\_\_ millimeters in one centimeter. 4) \_\_\_\_\_  
A) 10  
B) 100  
C) 1000  
D) 0.10
- 5) Which tool is best to measure linear distance? 5) \_\_\_\_\_  
A) Machinist rule  
B) Micrometer  
C) Dial indicator  
D) None of these

6) What is the reading on this metric micrometer?

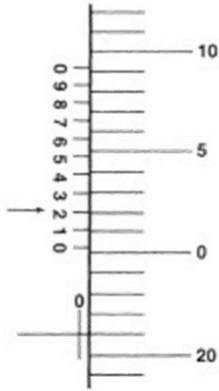
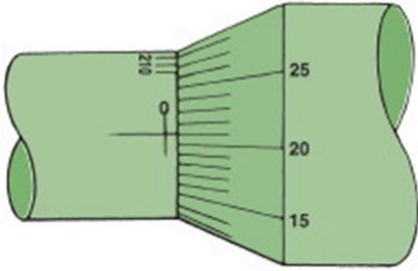
6) \_\_\_\_\_



- A) 0.187 mm
- B) 0.250 mm
- C) 0.225 mm
- D) 0.161 mm

7) What is the reading on this inch micrometer?

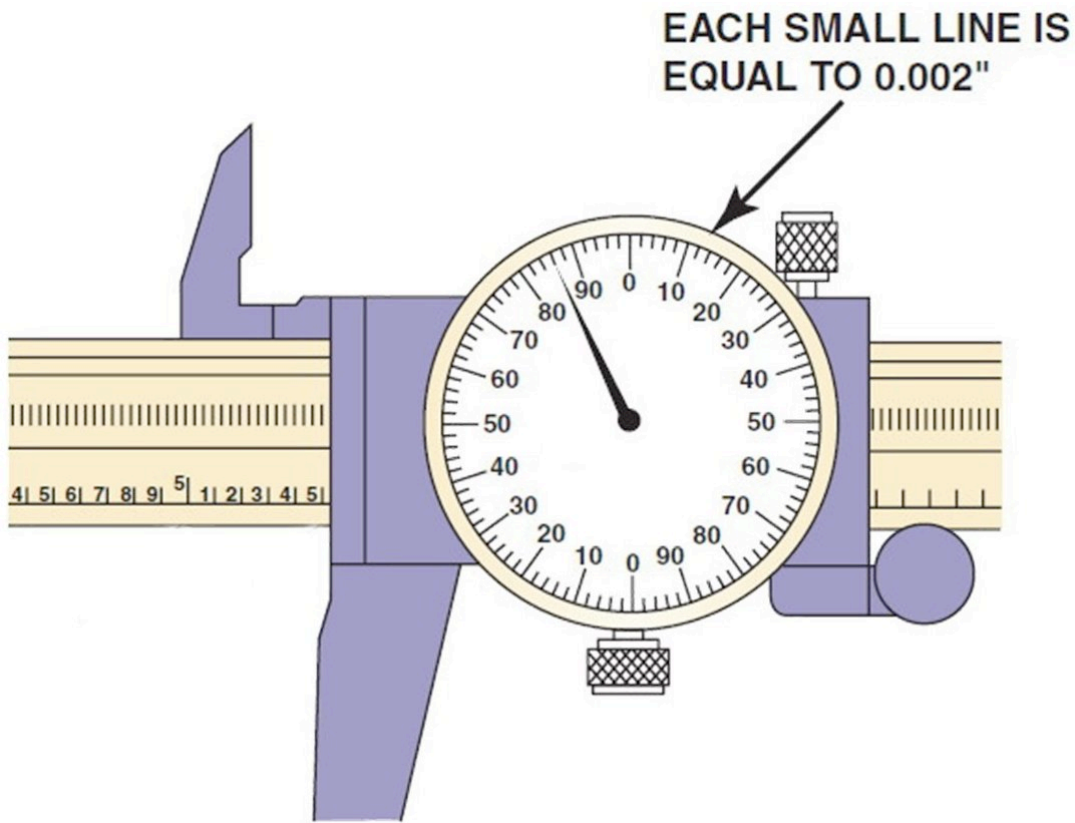
7) \_\_\_\_\_



- A) 0.0212 inch
- B) 0.0260 inch
- C) 0.210 inch
- D) 0.0210 inch

8) What is the reading on this dial caliper?

8) \_\_\_\_\_



- A) 5.586 in.
- B) 5.594 in.
- C) 5.500 in.
- D) 9.5836 in.

9) On pushrod engines, camshaft journal diameter often \_\_\_\_\_ toward the rear of the engine.

9) \_\_\_\_\_

- A) decreases
- B) increases
- C) both A and B
- D) neither A nor B

10) Which metric unit of measure is used for volume measurement?

10) \_\_\_\_\_

- A) Meter
- B) Cubic centimeter (cc)
- C) Centimeter
- D) Millimeter