

Name \_\_\_\_\_

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

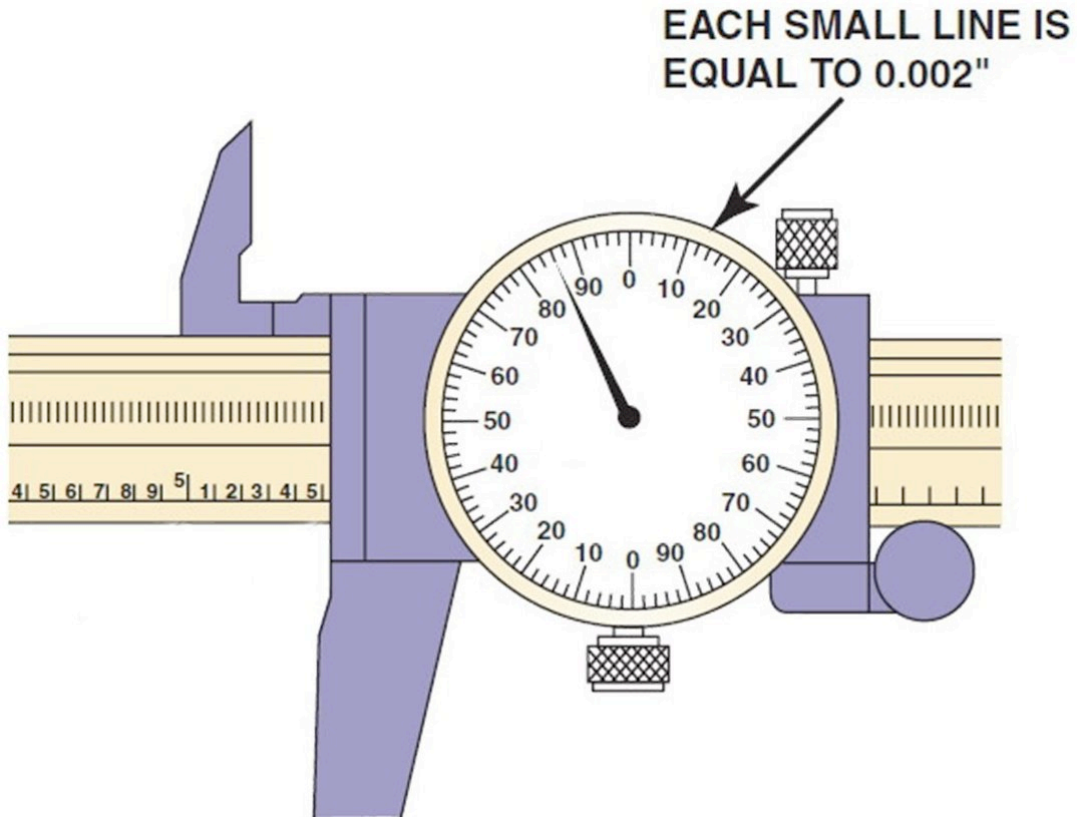
- 1) Which measuring gauge needs to be set up (adjusted) to a fixed dimension before use? 1) \_\_\_\_\_  
A) Dial indicator  
B) Dial bore gauge  
C) Dial caliper  
D) Micrometer
  
- 2) Cylinder taper and out of round should be measured \_\_\_\_\_. 2) \_\_\_\_\_  
A) just below the ridge  
B) near the bottom of piston travel  
C) both A and B  
D) neither A nor B
  
- 3) There are \_\_\_\_\_ millimeters in one centimeter. 3) \_\_\_\_\_  
A) 10  
B) 100  
C) 1000  
D) 0.10
  
- 4) Micrometers are calibrated using a \_\_\_\_\_. 4) \_\_\_\_\_  
A) gauge rod  
B) metric ruler  
C) both A and B  
D) neither A nor B
  
- 5) To directly measure the diameter of a valve guide in a cylinder head, use a micrometer and a \_\_\_\_\_. 5) \_\_\_\_\_  
A) telescopic gauge  
B) feeler gauge  
C) small hole gauge  
D) dial indicator
  
- 6) To check a crankshaft journal for taper, the journal should be measured in at least how many locations? 6) \_\_\_\_\_  
A) 1  
B) 2  
C) 4  
D) 6
  
- 7) A telescopic gauge can be used to measure \_\_\_\_\_. 7) \_\_\_\_\_  
A) cylinder bore taper  
B) camshaft bearing out of round  
C) housing bore out of round  
D) any of these

8) Which tool is best to measure linear distance?

- A) Machinist rule
- B) Micrometer
- C) Dial indicator
- D) None of these

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

9) What is the reading on this dial caliper?



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

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

10) A micrometer can be used to measure to an accuracy of \_\_\_\_\_.

- A) 0.001 in
- B) 0.0001 in
- C) 0.01 in
- D) none of these

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

## Answer Key

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1) B

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2) C

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3) A

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4) A

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5) C

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6) B

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7) D

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8) A

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9) A

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10) B

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