

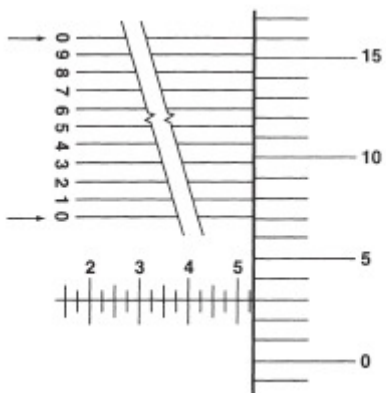
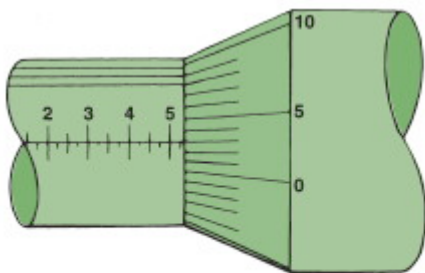
Name _____

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

- 1) To check an outside micrometer for calibration, you should use _____. 1) _____
A) Vernier caliper
B) Inside micrometer
C) A gauge rod
D) Another micrometer
- 2) Technician A says that a small-hole gauge (also called a split-ball gauge) is used with a micrometer to measure small holes such as the inside diameter of a valve guide. Technician B says that a dial caliper is used to measure the inside diameter of a piston. Which technician is correct? 2) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 3) Which of the following CANNOT be measured using a straightedge and a feeler gauge? 3) _____
A) Cylinder head flatness
B) Block deck flatness
C) Straightness of the main bearing bores
D) Straightness of the cylinder bore
- 4) Which of these tools is best to measure valve lift? 4) _____
A) Dial indicator
B) Caliper
C) Micrometer
D) Ruler

5) What is the reading on this inch micrometer?

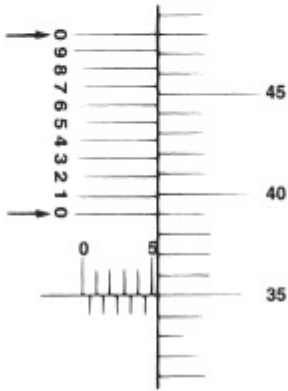
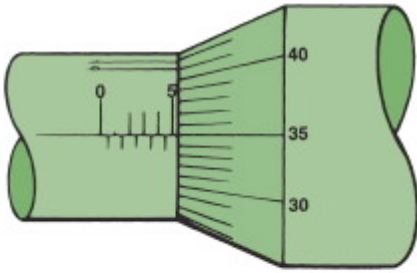
5) _____



- A) 0.5280 inch
- B) 0.5300 inch
- C) 0.5253 inch
- D) 0.5100 inch

6) What is the reading on this metric micrometer?

6) _____



- A) 0.035 mm
- B) 0.410 mm
- C) 0.540 mm
- D) 5.535 mm

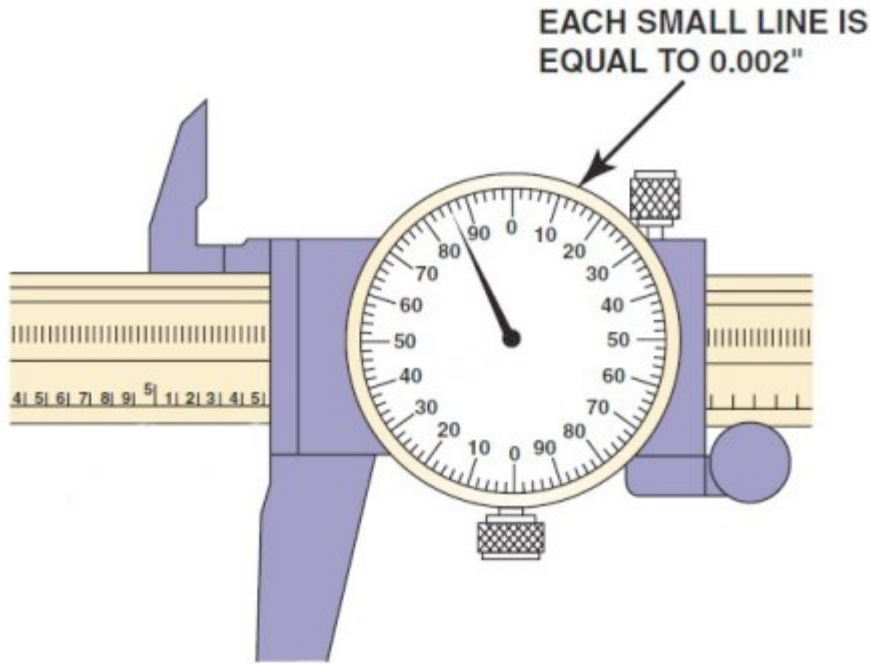
7) How many complete rotations must the thimble of a standard metric micrometer turn to travel through a reading of 0 to a reading of 25 mm?

7) _____

- A) 25
- B) 40
- C) 50
- D) 60

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) Technician A says that a telescopic gauge is used with a micrometer to measure the inside of a hole or bore, such as the big end of a connecting rod or a cylinder bore. Technician B says that a camshaft bearing surface and lobe can be measured using a micrometer. Which technician is correct?

9) _____

- A) Technician A
- B) Technician B
- C) Both technicians
- D) Neither technician

10) Which measuring gauge needs to be set up (adjusted) to a fixed dimension before use?

10) _____

- A) Dial indicator
- B) Dial bore gauge
- C) Vernier caliper
- D) Micrometer

Answer Key

Testname: ENGINES9_7B

1) C

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2) A

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3) D

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4) A

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5) A

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6) D

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7) B

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8) A

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9) C

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10) B

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