

Name _____

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

- 1) Which tool is necessary to measure flatness of engine components? 1) _____
A) Feeler gauge
B) Straight edge
C) Both A and B
D) Neither A nor B

- 2) A micrometer can be used to measure to an accuracy of _____. 2) _____
A) 0.001 in
B) 0.0001 in
C) 0.01 in
D) None of these

- 3) Which of these objects have a mass of approximately one gram? 3) _____
A) Small paper clip
B) Large bolt
C) Birds feather
D) None of these

- 4) The threaded movable part that rotates on a micrometer is called the _____. 4) _____
A) Barrel
B) Thimble
C) Spindle
D) Anvil

- 5) A telescopic gauge is used with what other measurement tool? 5) _____
A) Micrometer
B) Feeler gauge
C) Straightedge
D) None of these

- 6) Which of the following *cannot* be measured using a straightedge and a feeler gauge? 6) _____
A) Cylinder head flatness
B) Block deck flatness
C) Straightness of the main bearing bores
D) Straightness of the cylinder bore

- 7) Which measuring gauge needs to be set up (adjusted) to a fixed dimension before use? 7) _____
A) Dial indicator
B) Dial bore gauge
C) Vernier dial gauge
D) Micrometer

8) Which of the following *cannot* be measured using a feeler gauge? 8) _____
A) Valve guide clearance
B) Piston ring gap
C) Piston ring side clearance
D) Connecting rod side clearance

9) A dial indicator may be mounted by _____. 9) _____
A) Magnetic mount
B) Clamp mount
C) Threaded rod
D) Any of these

10) Which tool is best to measure linear distance? 10) _____
A) Machinist rule
B) Micrometer
C) Dial indicator
D) None of these

Answer Key

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1) C

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2) B

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3) A

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4) B

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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) D

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10) A

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