

Homework - Using Micrometer Instruments

Student Name _____ Date: _____

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

1) What is the maximum discrimination of a standard inch (non-vernier) micrometer? 1) _____
A) .010 in. B) .100 in. C) .001 in. D) .0001 in.

2) The distance between the graduations on the sleeve is _____ of an inch? 2) _____
A) .040 in. B) .025 in. C) .0001 in. D) .001 in.

3) The part of the micrometer that carries the .001 inch graduations is the: 3) _____
A) Spindle B) Carrier C) Sleeve D) Thimble

4) How many threads per inch are on a micrometer spindle? 4) _____
A) 10 B) 25 C) 40 D) 100

5) A two-inch micrometer measures from: 5) _____
A) 0 to 2 inches B) 2 to 3 inches C) 2 inches and up D) 1 to 2 inches

6) The part of the micrometer which supports the anvil is called the: 6) _____
A) Brace B) Support C) Spindle D) Frame

7) The scale which permits reading a micrometer to .0001 inch is called the: 7) _____
A) Milli B) Vernier C) Micro D) Decimal

8) What part of a micrometer assures repeated equal measuring pressure? 8) _____
A) Friction spindle B) Pressure regulator C) Ratchet stop D) Spindle lock

9) In order to be certain of the dimension when measuring with a micrometer: 9) _____
A) Show the mic to your instructor B) Show the mic to a friend C) Take at least two readings D) Take at least one reading

10) When measuring a workpiece still hot from machining: 10) _____
A) Cool off the workpiece B) Take a quick measurement C) Warm up the micrometer D) Do not let the anvil touch the work