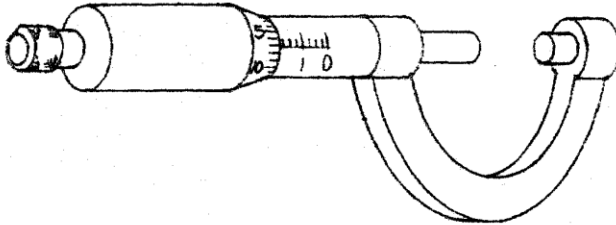
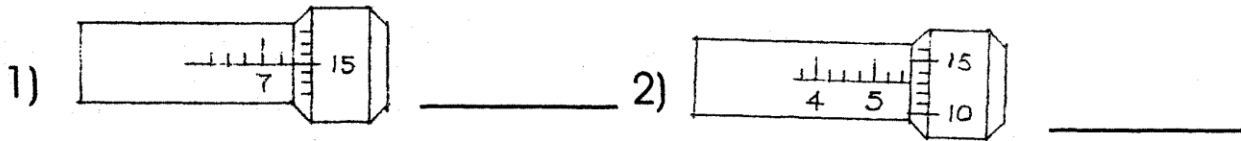


MACHINE SHOP PRE-EMPLOYMENT TEST

-MICROMETER READING-







PLACE READING TO THE RIGHT OF THE ILLUSTRATION



-BLUEPRINT READING-

THE FOLLOWING IS A SELECTION OF SYMBOLS YOU MIGHT FIND ON A BLUEPRINT. EXPLAIN IN YOUR OWN WORDS WHAT THEY MEAN.

- 3)  _____
- 4)  _____
- 5)  _____
- 6)  _____

LOOK CLOSELY AT THE BLUEPRINT ON THE LAST PAGE AND ANSWER THE FOLLOWING QUESTIONS.

7) WHAT IS THE SURFACE FINISH REQUIREMENT FOR THE 1.055/1.060 COUNTERBORE? _____

8) WHAT IS THE TOTAL TOLERANCE OF THE .2508/.2518 THRU DIAMETER? _____

9) WHAT IS THE TOTAL TOLERANCE OF THE .35 DIMENSION? _____

-CNC-

TRUE OR FALSE:

10) SURFACE FEET PER MINUTE AND SPINDLE SPEED ARE THE SAME THING. _____

11) IF THE X AND Y AXIS ARE MOVED AT THE SAME TIME , AND WITH THE SAME FEEDRATE OVER AN EQUAL DISTANCE, A 45 DEGREE ANGLE IS ACHIEVED. _____

CIRCLE THE APPROPRIATE ANSWER:

12) M3 / M8 TURNS THE SPINDLE ON.

13) G01 / G00 REPRESENTS A RAPID MOVEMENT.

14) G90 / G91 REPRESENTS AN INCREMENTAL MOVE.

-TRIGONOMETRY-

15) WHAT IS THE LENGTH OF SIDE C ?

