# TECHNOLOGY TEST
## 2ND COURSE
## GRAPHIC EXPRESSION

**NAME:**                                                            **COURSE:**

## THEORY
### (0,5P EACH RIGHT ANSWER, -0,25P EACH WRONG ANSWER)

1. From what direction is a "plan view"?
a. Above, looking down
b. Left, looking right
c. Down, looking up

2. What is the item of drawing equipment used for measuring angles?
a. Ruler
b. Protractor
c. Set square

3. Which of the following is the lightest pencil?
a. 2B     b. HB    c. 3B     d. H     e. 3H

4. Which of the following is the softest pencil?
a. 2B     b. HB    c. 3B     d. H     e. 3H

5. Which set of lead grades has a grade out of sequence?
a. H, HB, B, 3B
b. 7B, H, F, 4H
c. 6B, B, H, 4H
d. 9H, HB, B, 2B

6. The primary unit of measurement for engineering drawings and design in industry is the:
a. millimeter     b. centimeter     c. kilometer     d. inches

The size of a B5 is 250 x 176. Then:

7. the size of B6 is:
a. 250 × 353          b. 125 × 176          c. 353 × 500          d. 88 × 125

8. and the size of B4 is:
a. 250 × 353          b. 125 × 176          c. 353 × 500          d. 88 × 125

9. A scale model of the Statue of Liberty is 15,5 centimeters tall. If the Statue of Liberty is 93 meters tall, find the scale of the model.
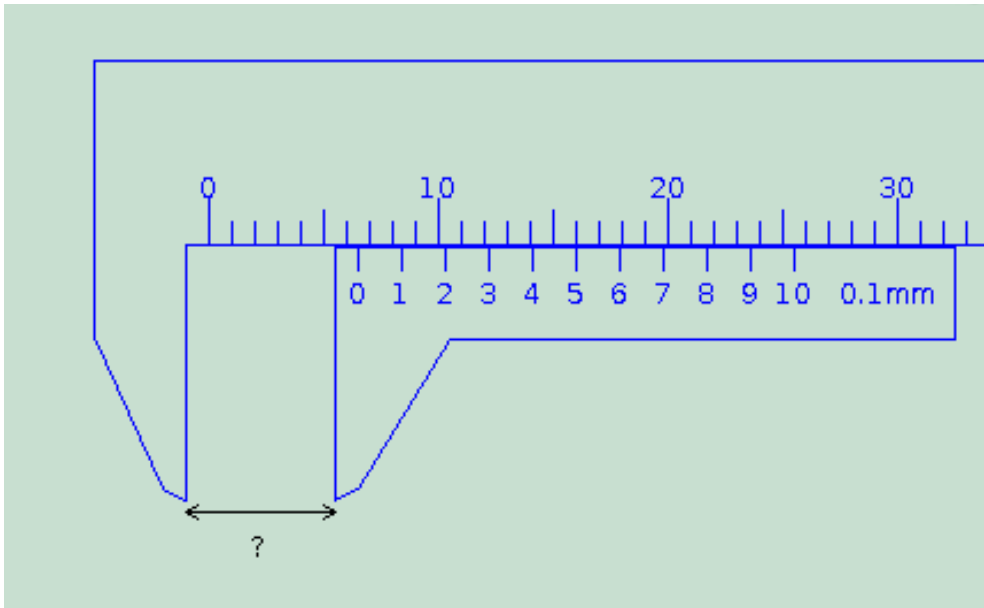a. 1:570          b. 1cm:6m          c. 1cm:5,7m          d. 1:600

10. A map has a scale of 9 cm = 20 kilometers. If the distance between two cities on the map is 12,5 cm, what is the actual distance between the cities?
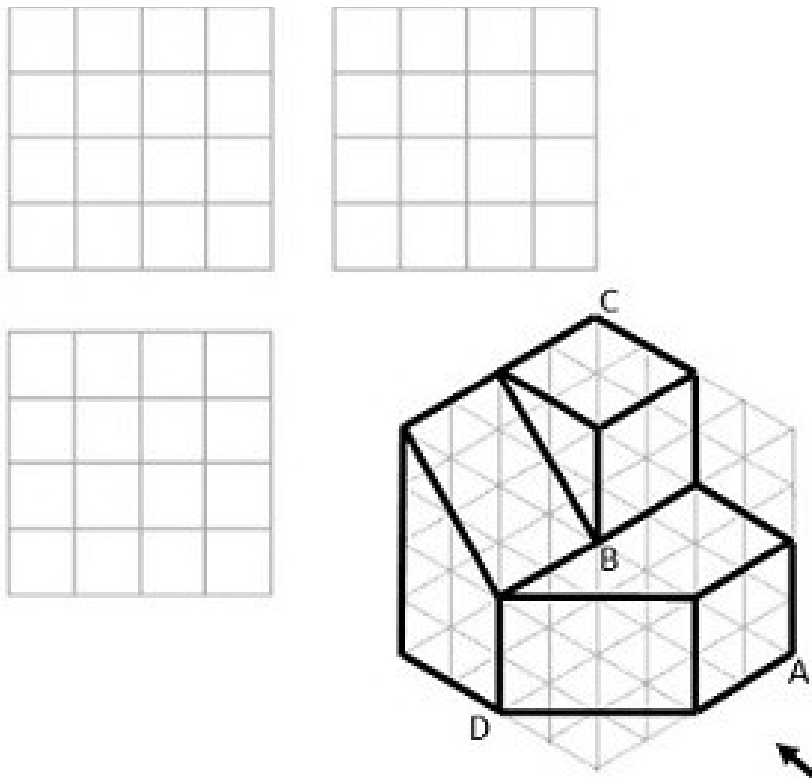a. 27,8 km          b. 14.3 km          c. 30.6 km          d. 0.9 km

# PROBLEMS

1. Say the name of the device. Say the measure of this device and justify it. (1,5p)



2. Draw the views of this object (2p)



3. A house of 10 x 8 meters, what is the scale we should draw it to fit on A4 format (30 x 21 cm) (1,5p)

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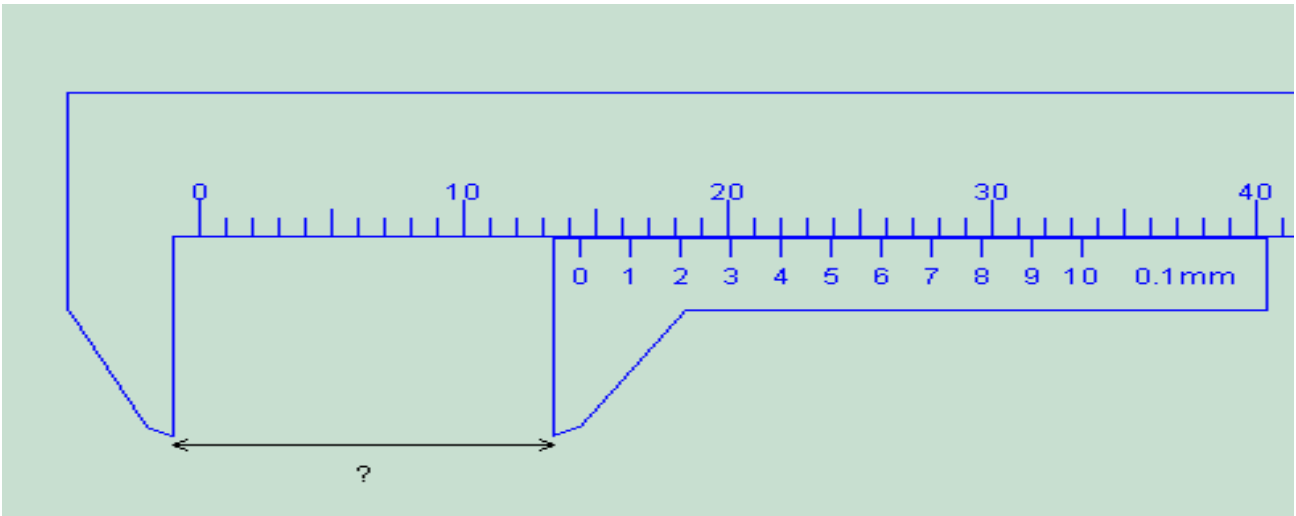a. 1:570              b. 1:600              c. 1cm:5,7m        d. 1cm:6m

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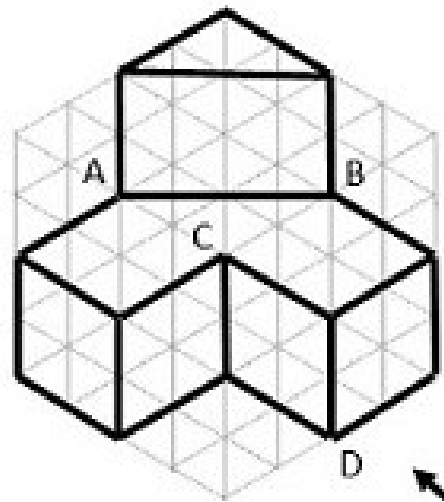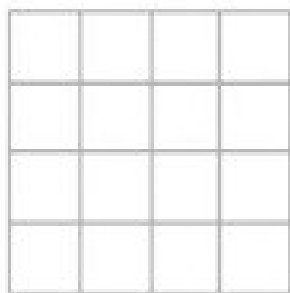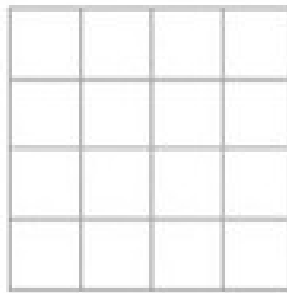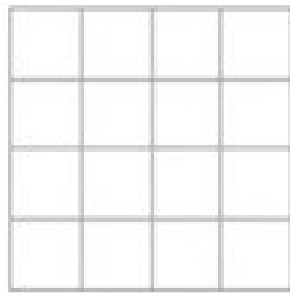a. 0.9 km            b. 14.3 km          c. 30.6 km          d. 27,8 km

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