



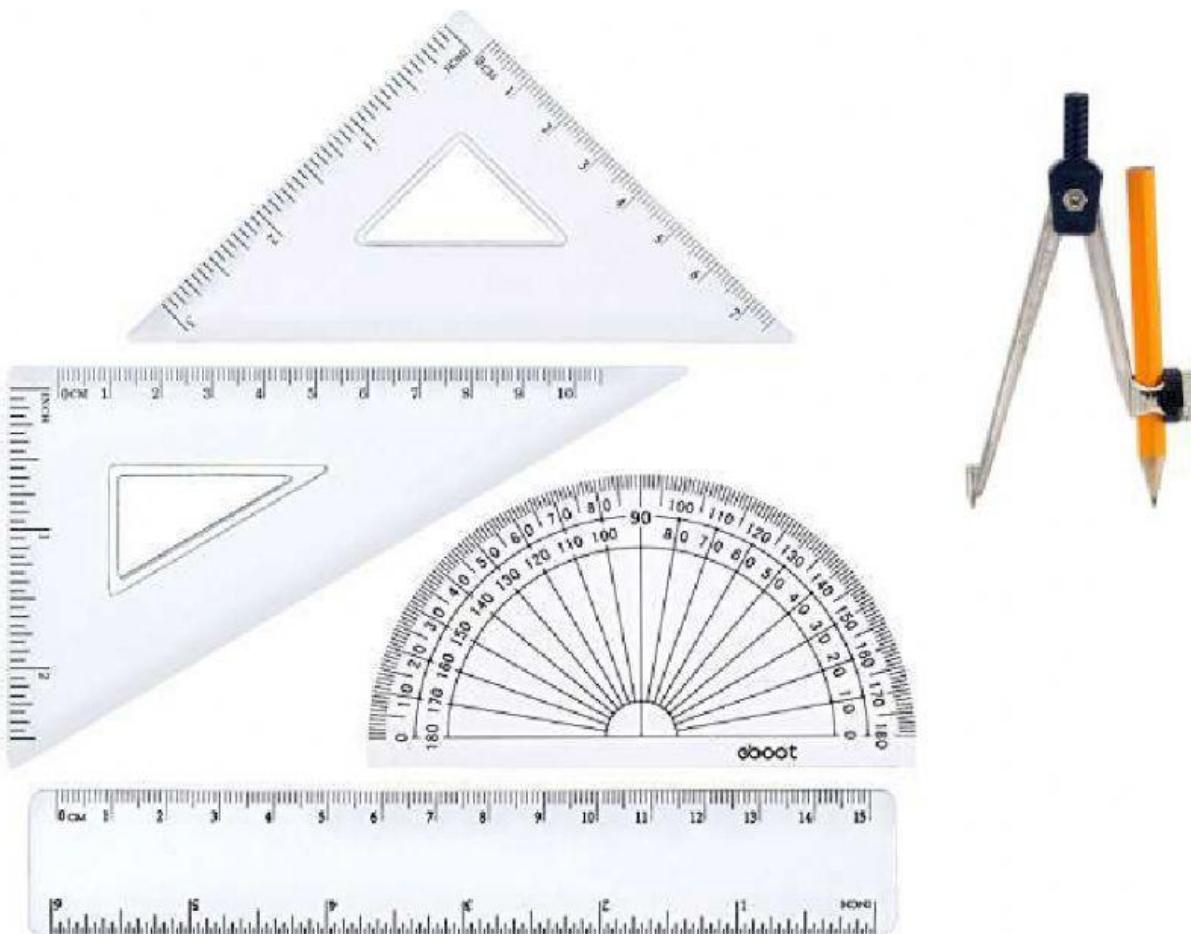
**MATH TEST  
6TH GRADE  
3RD TRIMESTER PART 1**

School year: 2020-2021

Date:

Name:

I. Name the geometry box instruments. Choose the correct answer.



II. Arrange the steps to construct a triangle, given 3 sides.

Set the compass to 7 cm, place at A and draw and arc.

Draw straight lines from A and B to the point of intersection.

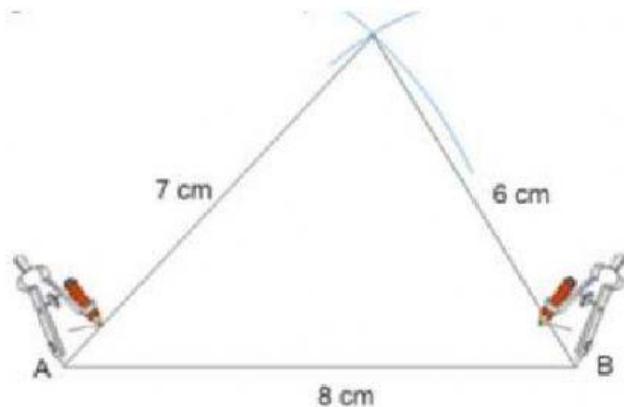
Draw a line 8 cm long and use it as a base of the triangle.

STEP 1:

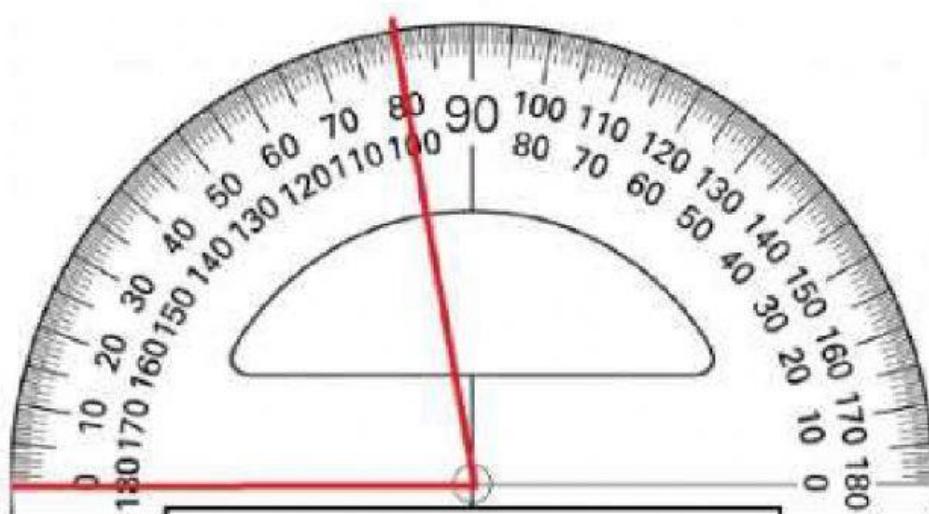
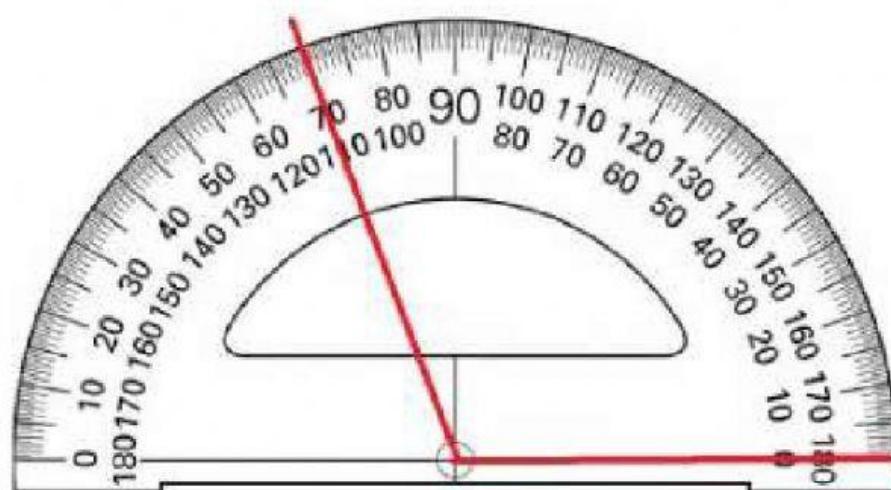
STEP 2:

STEP 3: Set the compass to 6 cm, place at B and draw an arc to intersect the first one.

STEP 4:

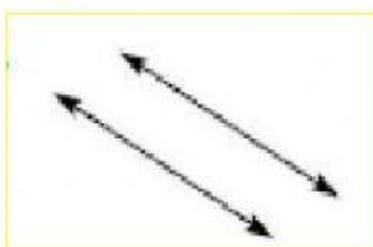


III. Find the measurement of each angle and choose it from the drop down list.



IV. Select the correct answer.

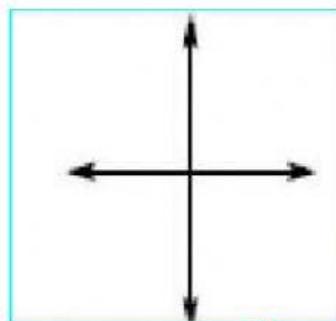
1.



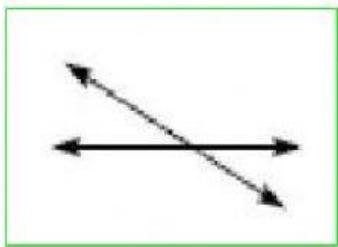
1.

- a) Parallel
- b) Intersecting
- c) Perpendicular

3.



2.



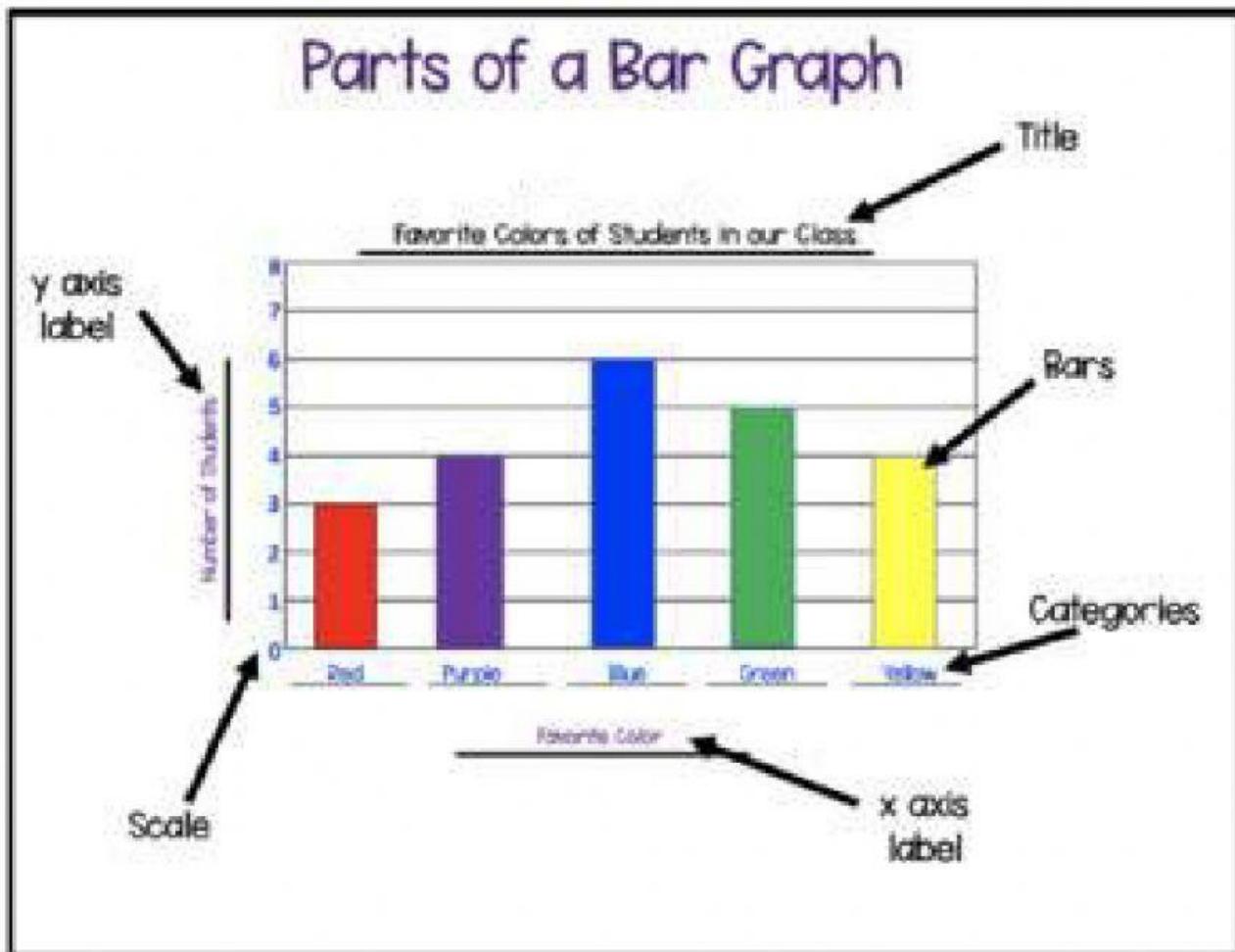
2.

- a) Parallel
- b) Intersecting
- c) Perpendicular

3.

- a) Parallel
- b) Intersecting
- c) Perpendicular

V. Choose the correct answer from the drop down lists.



VI. Select the correct answer.

a) A \_\_\_\_\_ is a graph using bars to show quantities or numbers so they can be easily compared.

HISTOGRAM

CHART

BAR GRAPH

SURVEY

b) \_\_\_\_\_ is the gathering of data of an entire population.

SURVEY

CHART

CENSUS

NONE

c) \_\_\_\_\_ data categorizes characteristics (e.g., names, locations, occupations) or personal preferences (e.g., food, clothes, and leisure activities)

POPULATION

QUALITATIVE

QUANTITATIVE

d) A \_\_\_\_\_ is a whole set of individuals, items, or data from which a statistical sample is drawn.

POPULATION

RANDOM SAMPLE

VARIABLE

e) A \_\_\_\_\_ is a quantity that can change or vary, taking different values.

POPULATION

RANDOM SAMPLE

VARIABLE

VII. Use the bar graph below to answer these questions.

- a. What activity shows the lowest frequency among the two groups?
- b. What is the most popular after school activity for city kids?
- c. And for country kids?
- d. How many more total kids favor playing on electronic devices over reading?
- e. Which activity shows the lowest variation between city and country kids?

Playing on electronic devices

Doing activities inside (e.g. legos, dolls)

Preferred Activities of Kids in the City and Country

