WOORKSHEET

GROUP 2

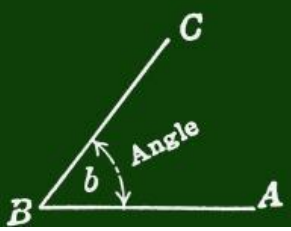
ANGLES

MEMBER GROUP 2

1. Putri Anjani
(2103020052)

2.Christhoper Parhusip
(2103020054)

3. Welny Risesti
(2103020061)








INSTRUCTION

1. Pray before working on the Worksheet

2. Read the instructions for using Worksheet, and follow all instructions.

3. Work on the Worksheet seriously with the group.

4. Fill in according to the order provided

5. Ask your teacher if you experience difficulties in working on the Worksheet



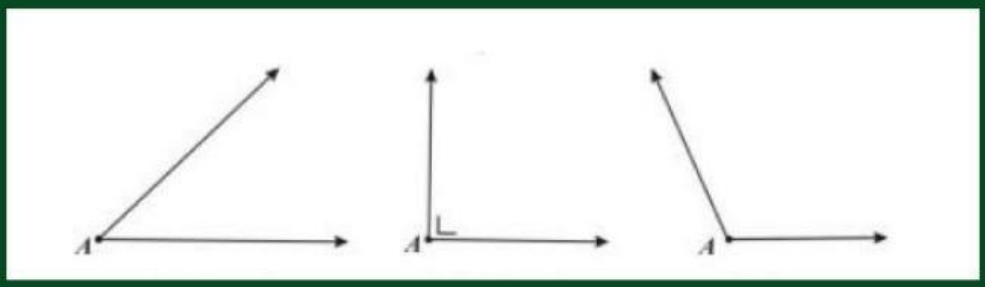
Worksheet Angle

Name : _____

Class : _____

Problem 1

Look at the picture!
Determine the type of angles that exist in the picture!



Picture 1:

Picture 2:

Picture 3:

PROBLEM 2

A WALL CLOCK HAS AN HOUR HAND AND A MINUTE HAND SHOWING 10:00. DETERMINE:

A. What is the angle formed by the hour hand and minute hand?

B. Classify the angles based on magnitude.

ANSWER

Problem 3

A wheel rotates at a speed of 360° per minute.

a. What angle does the wheel make after 10 seconds?
b. Classify the angles based on magnitude.

Answer

Problem 4

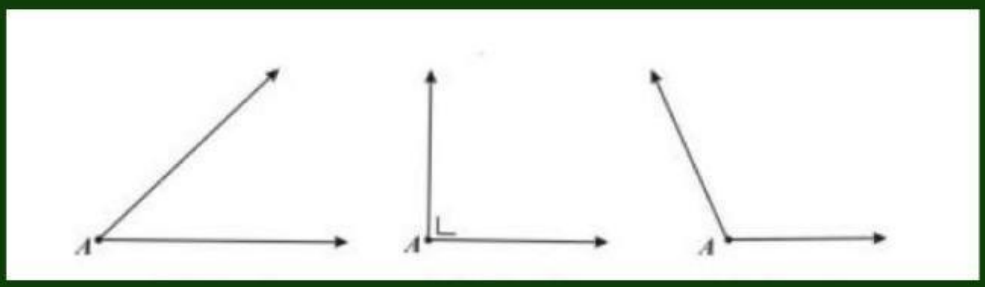
A triangle has angles of 50°, 70°, and x°.

A. Calculate the value of x.
B. Classify the triangles based on the angles.

Answer

Problem 5

determine the angles of an acute triangle, obtuse triangle, and right triangle from the figure below



Answer

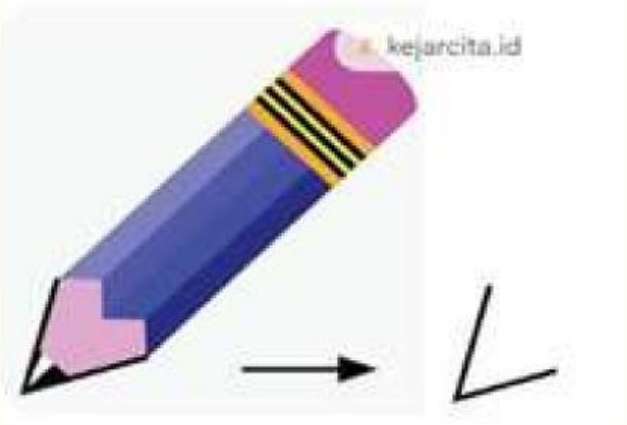
Figure 1

Figure 2

Figure 3

Problem 6

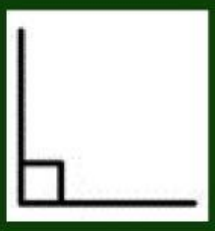
From some examples of angles that you find around you. State the name and magnitude of the angle.



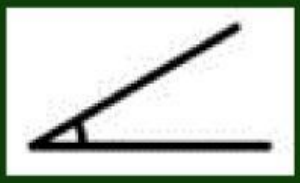
Answer

Problem 7

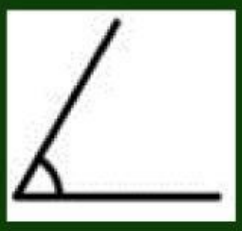
Among the images below. Find the angles of 30 degrees, 60 degrees and 90 degrees from the figure.



A



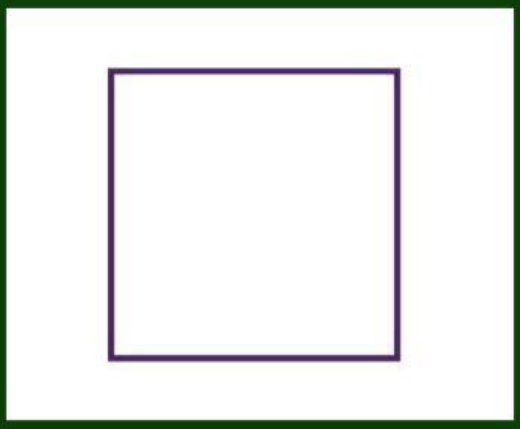
B



C

Answer

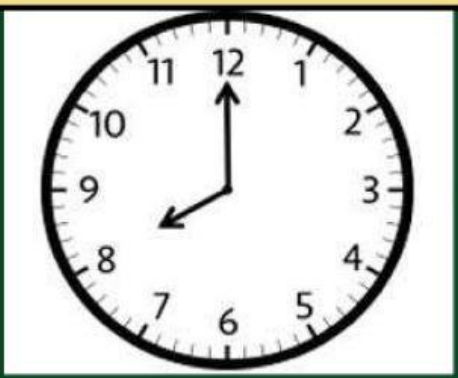
PROBLEM 8



IN A RECTANGLE, ALL FOUR CORNERS HAVE THE SAME MAGNITUDE. IF ONE OF THE ANGLES IS HALVED, HOW LARGE IS THE RESULTING ANGLE?

ANSWER

Problem 9



On a wall clock, the hour hand and minute hand show 8am. Calculate the angle formed by the two hands.

Answer

Problem 10

In a triangle, the magnitude of angle A is twice the magnitude of angle B, and the magnitude of angle C is three times the magnitude of angle B. If the sum of the magnitudes of the three angles is 180 degrees, determine the magnitude of each angle.

Answer

Thank you for answering