

4.MD.C.6 Angle Measurement and Classification – I

4.MD.C.6: Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.

Give what is asked in each item and then write your answers on the space provided.

1. Draw and label an example of each of the following angles.

- a. obtuse angle ABC
- b. acute angle GHI
- c. right angle MNO
- d. an angle greater than 45° but less than 90°

Answers:

- a. _____
- b. _____
- c. _____
- d. _____

2. How many of the angles are greater than 90° ? _____



3. How many right angles are there in each of the following polygons?

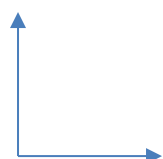


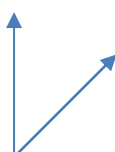
4. Which of the following statements is true? _____

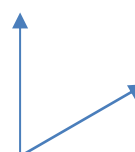
- a. A right angle can also be called an obtuse angle.
- b. None of the angles in a square can be lesser than 90° .
- c. The angles in a triangle are always an acute angle.

5. What type of angle is the angle 127° ? _____

6. Measure the following angles and classify them as acute, right, or obtuse?







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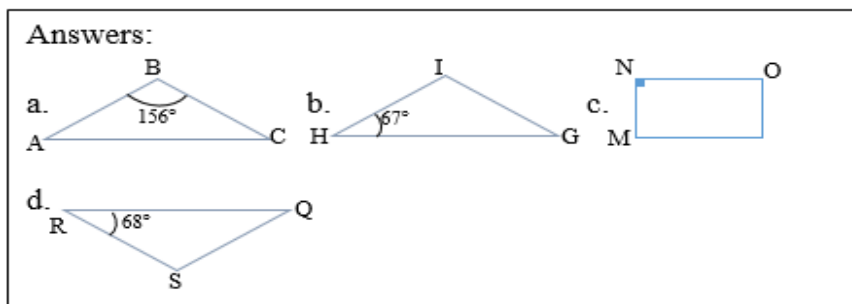
Answer Key

4.MD.C.6: Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.

Give what is asked in each item and then write your answers on the space provided.

1. Draw and label an example of each of the following angles.

- a. obtuse angle ABC
- b. acute angle GHI
- c. right angle MNO
- d. an angle greater than 45° but less than 90°



2. How many of the angles are greater than 90° ? 2



3. How many right angles are there in each of the following polygons?

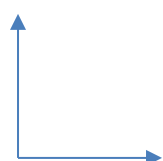


4. Which of the following statements is true? b.

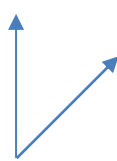
- a. A right angle can also be called an obtuse angle.
- b. None of the angles in a square can be lesser than 90° .
- c. The angles in a triangle are always an acute angle.

5. What type of angle is the angle 127° ? obtuse angle

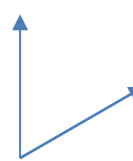
6. Measure the following angles and classify them as acute, right, or obtuse?



90° - right



45° - acute



60° - acute