Grade 4

Topic: Classify Triangles by Angles

> **Instructions**
>
> **Read each question carefully. Identify the type of triangle based on its angles.**

1. Types of Triangles by Angles

A triangle can be classified based on its angles into three types:

- **Acute Triangle**: All three angles are less than 90 degrees.

- **Right Triangle**: One angle is exactly 90 degrees.

- **Obtuse Triangle**: One angle is greater than 90 degrees.

2. Identify the Triangles

Look at the given descriptions and write the correct type of triangle.

1. A triangle has angles measuring and . It is a _____ triangle.

2. A triangle has angles measuring and . It is a _____ triangle.

3. A triangle has angles measuring and . It is a _____ triangle.

4. A triangle has angles measuring and . It is a _____ triangle.

5. A triangle has three angles measuring and . It is a _____ triangle.

3. Multiple Choice Questions

Choose the correct answer for each question. Circle the correct option.

1. Which type of triangle has all angles less than 90 degrees?

   (a) Right Triangle

   (b) Acute Triangle

   (c) Obtuse Triangle

2. A right triangle always has _____.

   (a) One angle greater than 90 degrees

   (b) All angles less than 90 degrees

   (c) One angle exactly 90 degrees

3. A triangle with one angle measuring $110°$ is classified as _____.

   (a) Acute Triangle

   (b) Right Triangle

   (c) Obtuse Triangle

4. Draw and Label

Draw and label the following triangles in the boxes below.

1. An acute triangle

2. A right triangle

3. An obtuse triangle

Bonus Question

Can a triangle have more than one right angle? Explain your answer.

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