



Angles and Measurement

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Angle A and angle B are complementary. Angle A is 28° . What is angle B?

- A) 52°
- B) 62°
- C) 72°
- D) 152°

2. Two supplementary angles differ by 40° . What are the two angles?

- A) 60° and 100°
- B) 70° and 110°
- C) 80° and 120°
- D) 90° and 130°

3. A straight angle is split into three angles: 50° , 65° , and x° . What is x ?

- A) 55°
- B) 60°
- C) 65°
- D) 75°

4. Which pair of angles is NOT complementary?

- A) 25° and 65°
- B) 40° and 50°
- C) 30° and 70°
- D) 45° and 55°

Part B: Fill in the Blank

Write the correct answer on each line.

1. If an angle and its supplement are equal, each measures _____ degrees.
2. The supplement of the complement of 30° is _____ degrees.
3. A right angle is divided into three angles: 20° , 35° , and x° . Then $x =$ _____.
4. Two angles on a straight line are in the ratio 1 to 2. The larger angle is _____ degrees.
5. If angle P is 48° and angle Q is supplementary to P, then angle Q is _____ degrees.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. If an angle and its supplement are equal, each measures 90 degrees.
2. The supplement of the complement of 30° is 120 degrees.
3. A right angle is divided into three angles: 20° , 35° , and x° . Then $x =$ 35.
4. Two angles on a straight line are in the ratio 1 to 2. The larger angle is 120 degrees.
5. If angle P is 48° and angle Q is supplementary to P, then angle Q is 132 degrees.