



# Angles and Angle Measurement

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Multiple Choice

Circle the best answer for each question.

1. Two angles form a straight angle. One measures  $47^\circ$ . What is the other?

- A)  $43^\circ$
- B)  $53^\circ$
- C)  $133^\circ$
- D)  $143^\circ$

2. Angle X and a  $34^\circ$  angle are complementary. What is angle X?

- A)  $46^\circ$
- B)  $56^\circ$
- C)  $66^\circ$
- D)  $146^\circ$

3. Three angles of a quadrilateral are  $90^\circ$ ,  $90^\circ$ , and  $115^\circ$ . What is the fourth angle?

- A)  $55^\circ$
- B)  $65^\circ$
- C)  $75^\circ$
- D)  $85^\circ$

4. Which angle is acute?

- A)  $91^\circ$
- B)  $89^\circ$
- C)  $180^\circ$
- D)  $90^\circ$

## Part B: Fill in the Blank

Write the correct answer on each line.

1. Two supplementary angles add up to \_\_\_\_\_ degrees.
2. If a triangle has angles of  $60^\circ$  and  $80^\circ$ , the third angle is \_\_\_\_\_ degrees.
3. The complement of a  $27^\circ$  angle is \_\_\_\_\_ degrees.
4. An angle of  $90^\circ$  minus  $15^\circ$  minus  $25^\circ$  equals \_\_\_\_\_ degrees.
5. A straight angle split into three equal parts gives angles of \_\_\_\_\_ degrees each.

### Part A: Multiple Choice

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1. Two angles form a straight angle. One measures  $47^\circ$ . What is the other?

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- C)  $180^\circ$
- D)  $90^\circ$

### Part B: Fill in the Blank

Write the correct answer on each line.

1. Two supplementary angles add up to 180 degrees.
2. If a triangle has angles of  $60^\circ$  and  $80^\circ$ , the third angle is 40 degrees.
3. The complement of a  $27^\circ$  angle is 63 degrees.
4. An angle of  $90^\circ$  minus  $15^\circ$  minus  $25^\circ$  equals 50 degrees.
5. A straight angle split into three equal parts gives angles of 60 degrees each.