



# Classifying Triangles

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

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

Grade: Grade 4

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A yield sign in Grade 4 has all sides different, so it is a scalene triangle.

Rewrite: \_\_\_\_\_

2. Fix the sentence: A thin slice of pizza with two long equal sides is a equilateral triangle.

Rewrite: \_\_\_\_\_

3. Fix the sentence: A kite shape with three sides of different lengths is classified as a isosceles triangle.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. A traffic yield sign has three congruent sides, so it is an \_\_\_\_\_ triangle.
2. A pizza slice with two equal long sides and one shorter side is an \_\_\_\_\_ triangle.
3. A triangle with sides 5 cm, 7 cm, and 9 cm is called a \_\_\_\_\_ triangle.
4. Each angle inside an equilateral triangle measures \_\_\_\_\_ degrees.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Look around your classroom for a triangle. Name the object and classify the triangle by its sides.

\_\_\_\_\_  
\_\_\_\_\_

2. Why is a yield sign classified as an equilateral triangle and not a scalene triangle?

\_\_\_\_\_  
\_\_\_\_\_

## Answer Key · Classifying Triangles · Grade: Grade 4

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### Part A: Fix the Sentence

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Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A yield sign in Grade 4 has all sides different, so it is a scalene triangle.

Rewrite: A yield sign has all three sides congruent, so it is an equilateral triangle.

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2. Fix the sentence: A thin slice of pizza with two long equal sides is a equilateral triangle.

Rewrite: A thin slice of pizza with two long equal sides is an isosceles triangle.

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3. Fix the sentence: A kite shape with three sides of different lengths is classified as a isosceles triangle.

Rewrite: A kite shape with three sides of different lengths is classified as a scalene triangle.

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

1. A traffic yield sign has three congruent sides, so it is an equilateral triangle.
2. A pizza slice with two equal long sides and one shorter side is an isosceles triangle.
3. A triangle with sides 5 cm, 7 cm, and 9 cm is called a scalene triangle.
4. Each angle inside an equilateral triangle measures 60 degrees.

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. Look around your classroom for a triangle. Name the object and classify the triangle by its sides.

*A music stand bracket forms a triangle with three sides that look the same length, so I would classify it as an equilateral triangle.*

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2. Why is a yield sign classified as an equilateral triangle and not a scalene triangle?

*A yield sign is equilateral because all three of its sides are congruent. A scalene triangle would have three sides of different lengths.*

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