

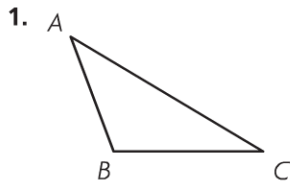
Name \_\_\_\_\_

## Classify Triangles

**COMMON CORE STANDARD** CC.4.G.2

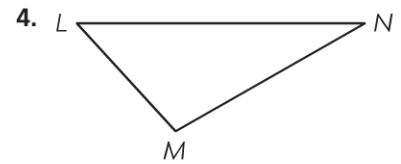
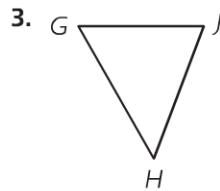
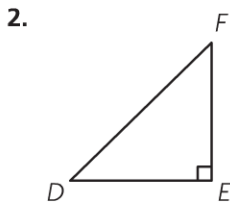
Draw and identify lines and angles and classify shapes by properties of their lines and angles.

Classify each triangle. Write *acute*, *right*, or *obtuse*.



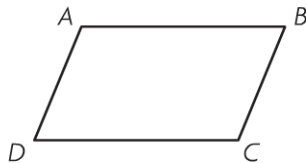
**Think:** Angles *A* and *C* are both acute.  
Angle *B* is obtuse.

obtuse

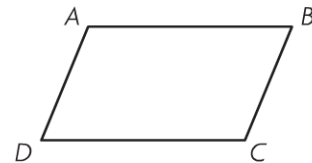


## Problem Solving REAL WORLD

5. Use figure *ABCD* below. Draw a line segment from point *B* to point *D*. Name and classify the triangles formed.



6. Use figure *ABCD* below. Draw a line segment from point *A* to point *C*. Name and classify the triangles formed.




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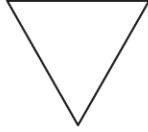
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**Lesson Check** (CC.4.G.2)

1. Stephen drew this triangle. How many obtuse angles does the triangle have?



- (A) 0                      (C) 2  
(B) 1                      (D) 3

2. Joan was asked to draw a right triangle. How many right angles are in a right triangle?

- (A) 0  
(B) 1  
(C) 2  
(D) 3

**Spiral Review** (CC.4.OA.4, CC.4.NBT.5, CC.4.NF.5, CC.4.G.1)

3. Oliver drew the figure below to show light traveling from the sun to Earth. Name the figure he drew. (Lesson 10.1)



- (A) segment  $SE$       (C) line  $SE$   
(B) ray  $SE$               (D) ray  $ES$

4. Armon added  $\frac{1}{10}$  and  $\frac{8}{100}$ . Which is the correct sum? (Lesson 9.6)

- (A)  $\frac{18}{10}$   
(B)  $\frac{9}{10}$   
(C)  $\frac{9}{100}$   
(D)  $\frac{18}{100}$

5. Sam counted out loud by 6s. Jorge counted out loud by 8s. What are the first three numbers both students said? (Lesson 5.4)

- (A) 8, 16, 24  
(B) 14, 28, 42  
(C) 24, 48, 72  
(D) 48, 96, 144

6. A basketball team averaged 105 points per game. How many points did the team score in 6 games? (Lesson 2.10)

- (A) 605 points  
(B) 630 points  
(C) 900 points  
(D) 6,030 points