Lesson 10.2

Classify Triangles by Angles

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

1. A
   B
   C

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

   obtuse

2. F
   D
   E

3. G
   J
   H

4. L
   M
   N

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Problem Solving

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.
Lesson Check (4.G.2)

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

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

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

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

4. Armon added $\frac{1}{10}$ and $\frac{8}{100}$. What is the sum of these fractions?

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

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