***QUIZ: Introduction to Angles***

1. A ray is…
   1. A line with two endpoints
   2. A line with no endpoints that goes on forever in both directions
   3. A line with one endpoint that goes on forever in one direction
   4. A type of saltwater fish
2. Two lines that will never cross are called…
   1. Perpendicular
   2. Intersecting
   3. Complimentary
   4. Parallel
3. Circle all of the acute angles:

***Questions 4 and 5 are based on the following picture:***

**F**

**A**

**B**

**C**

**D**

**E**

1. Name all of the angles that are obtuse using the letters of their endpoints

(hint – there are 3):

1. Give names to the three special angles in the picture using the letters of their endpoints (all multiples of 90°):
2. Measure the angle using a protractor, then draw in the curve to represent the angle and write your answer in degrees next to it:
3. Draw an angle that has a measure of 170°:
4. What is the sum of all the angles in a triangle?
5. If you had a triangle where one angle was 60° and the second was 40°, how many degrees would the third angle have to be?

**5 in**

**12 in**

**13 in**

1. What is the perimeter of this triangle?