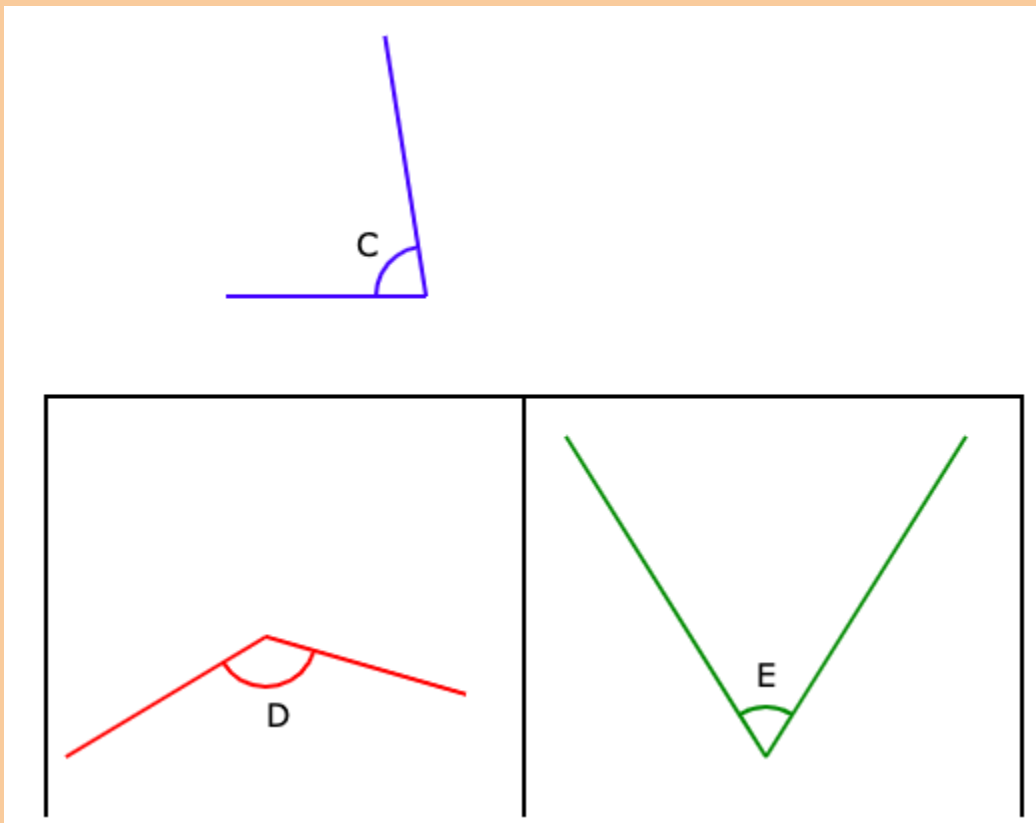# Identifying Angles

FREE Worksheet - 4

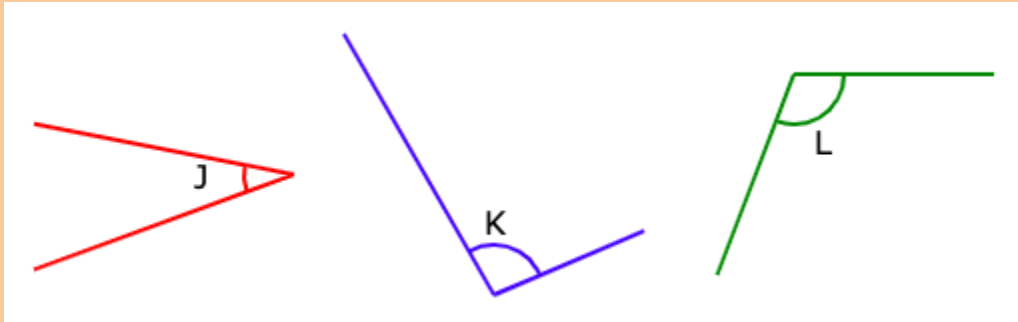**Time: 20 minutes**

(Detailed solutions at the end)

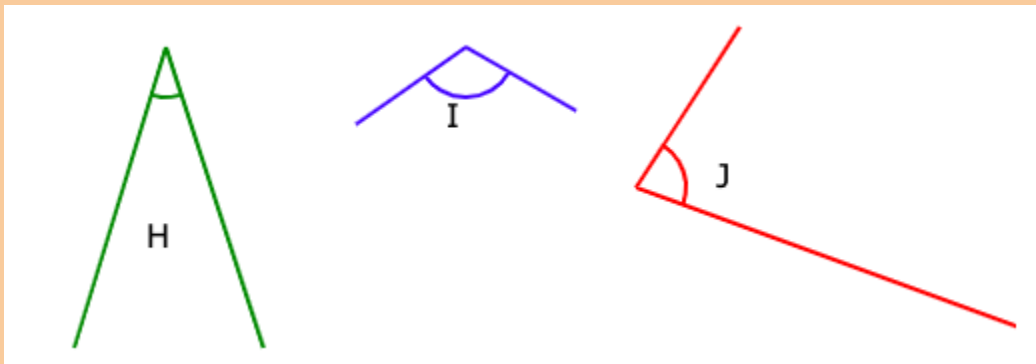1. Which angle is greater than ∠C?

Answer: _____

2. Which angle is the smallest?
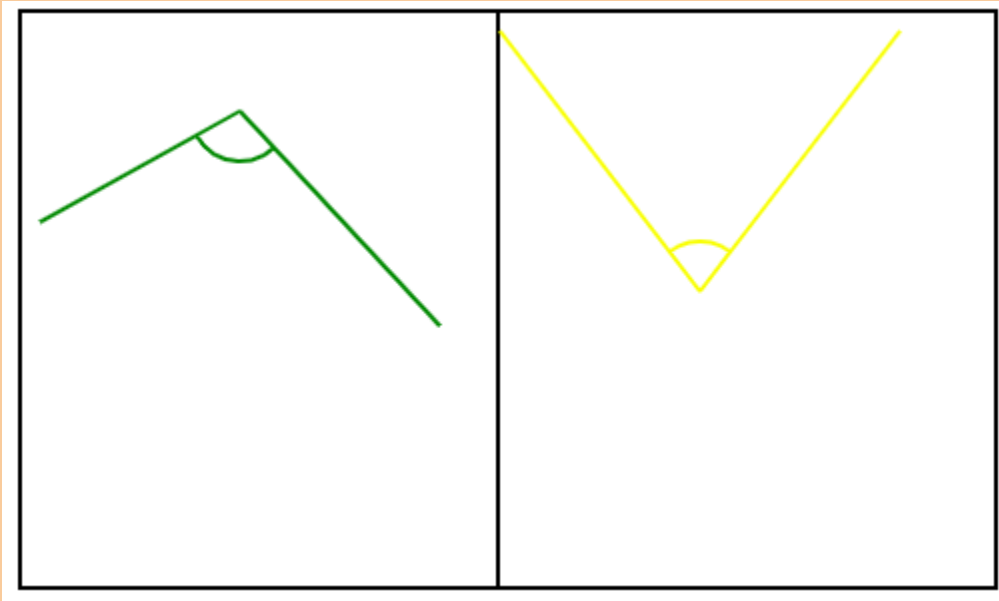

Answer: _____

3. Arrange the angles in order, beginning with the smallest.
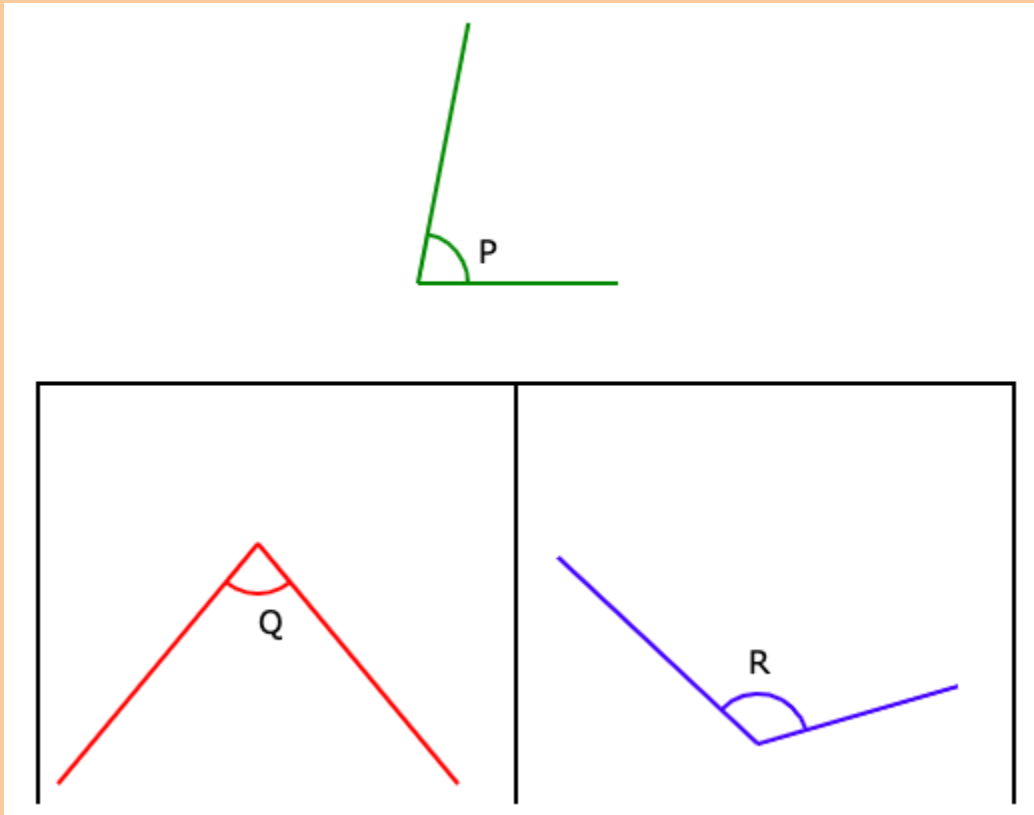

Answer: _____

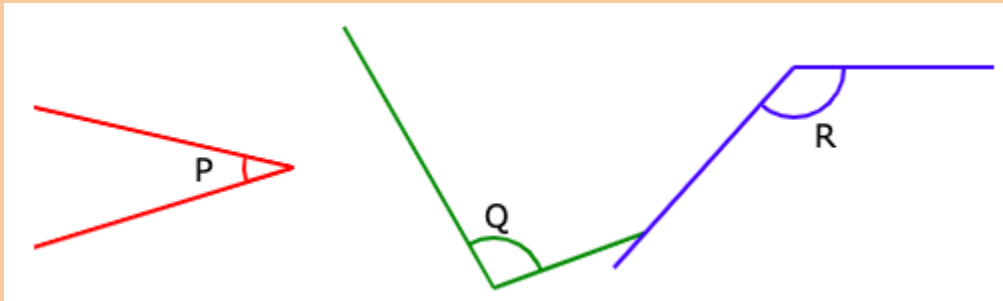4. Which pair of lines form a smaller angle?

Answer: _____

5. Fill in the blank. Angle _____ is smaller than Angle P

Answer: _____

6. Fill in the blank. Angle _____ is the greatest.

Answer: _____

SOLUTIONS

Problem 1

The amount of turning formed by ∠D is greater than the amount of turning formed by ∠C.

Hence, ∠D form an angle which is greater than ∠C.

Problem 2

The amount of turning formed by ∠J is smaller than the amount of turning formed by the other two angles.

Hence, ∠J form the smallest angle.

Problem 3

The amount of turning formed by ∠H is smaller than the amount of turning formed by the other two angles.

The amount of turning formed by ∠J is smaller than the amount of turning formed ∠I.

Hence, the order of angles beginning with the smallest will be ∠H, ∠J, ∠I.

Problem 4

The amount of turning between the two yellow lines is smaller than the amount of turning between the two green lines.

Hence, the yellow lines form a smaller angle.

Problem 5

The amount of turning formed by $\angle Q$ is smaller than the amount of turning formed by $\angle P$.

Hence, $\angle Q$ form an angle which is smaller than $\angle P$.

Problem 6

The amount of turning formed by $\angle R$ is greater than the amount of turning formed by the other two angles.

Hence, $\angle R$ form the greatest angle.