



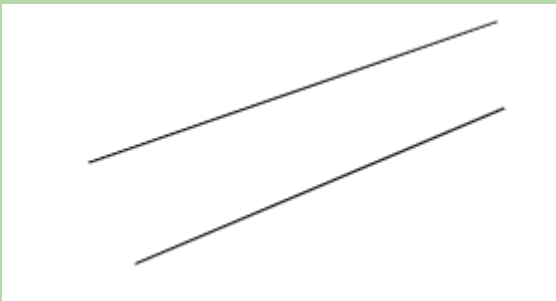
Identifying Angles

FREE Worksheet - 3

Time: 20 minutes

(Detailed solutions at the end)

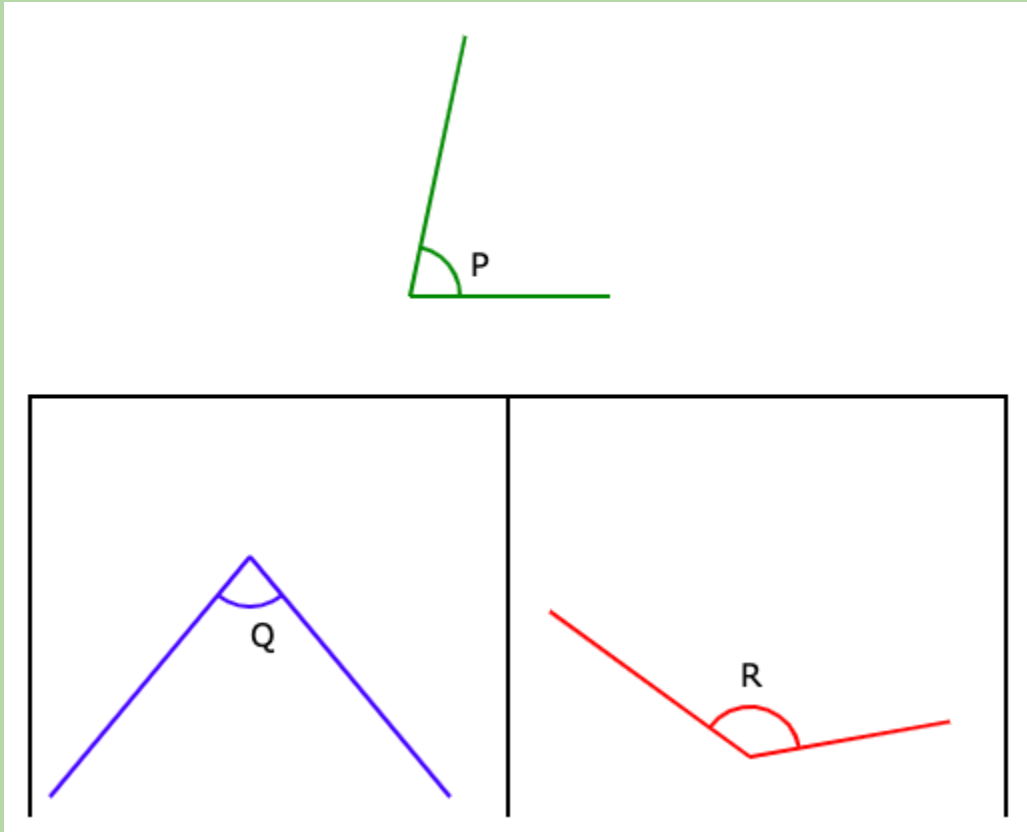
1. The below pair of lines form an angle.



OR



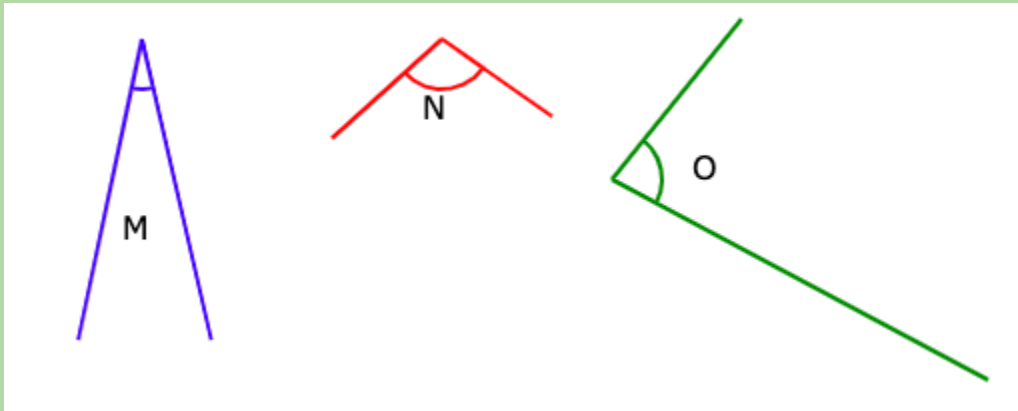
2. Fill in the blank. Angle ____ is smaller than Angle P



Answer: _____

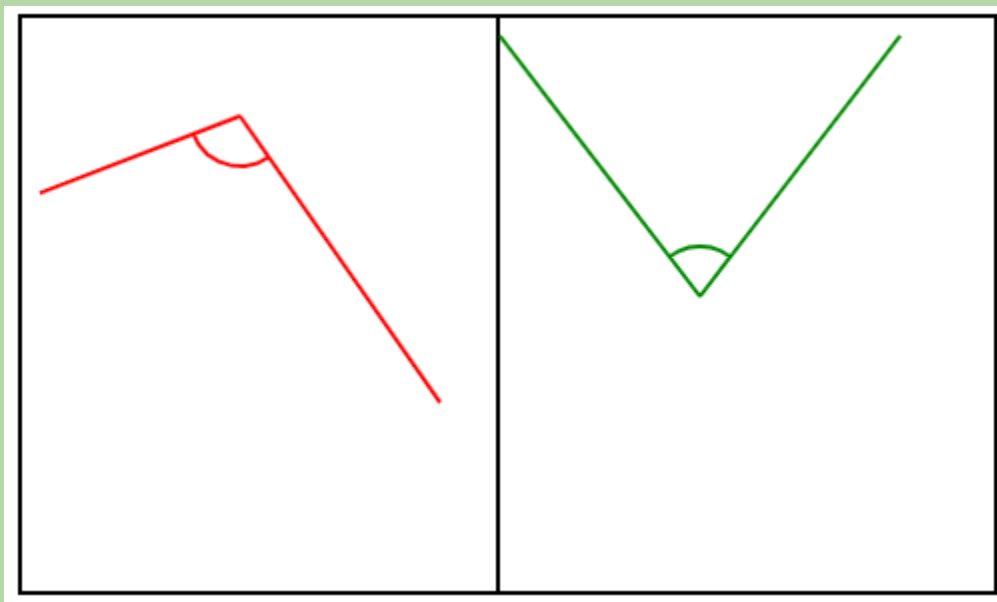


3. Arrange the angles in order, beginning with the greatest.



Answer: _____

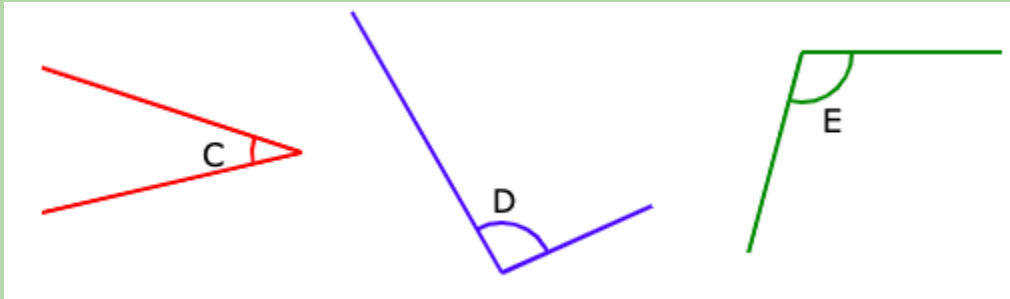
4. Which pair of lines form a smaller angle?



Answer: _____

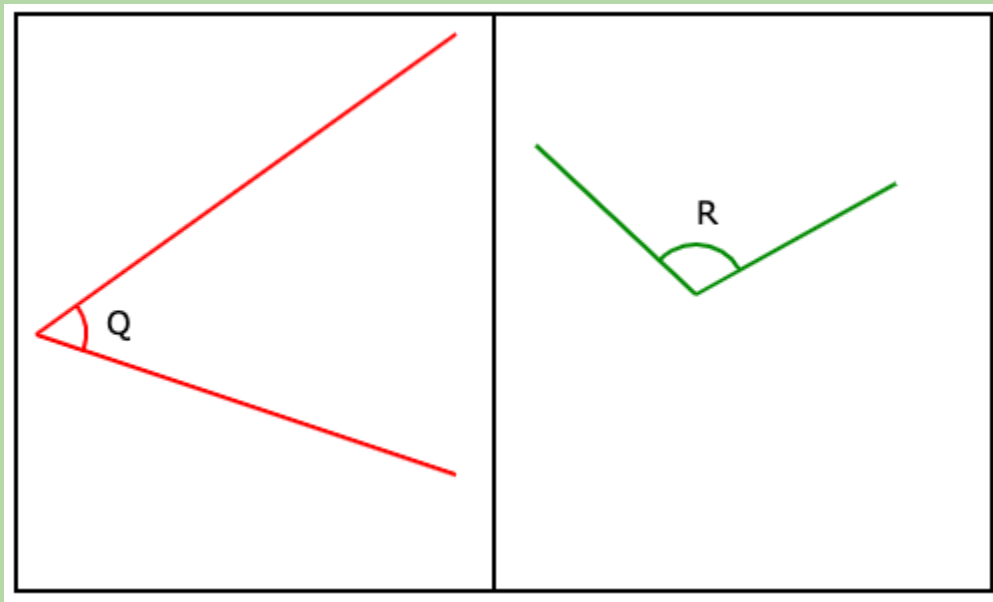


5. Which angle is the smallest?



Answer: _____

6. Which angle is greater?



Answer: _____



SOLUTIONS

Problem 1

Any two lines meeting at a point will form an angle.

The two lines don't meet at a point, hence they do not form an angle.

Problem 2

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 3

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

The amount of turning formed by $\angle O$ is greater than the amount of turning formed $\angle M$.

Hence, the order of angles beginning with the greatest will be $\angle N$, $\angle O$, $\angle M$.



Problem 4

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

Hence, the green lines form a smaller angle.

Problem 5

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

Hence, $\angle C$ form the smallest angle.

Problem 6

The amount of turning formed by $\angle R$ is greater than the amount of turning formed by $\angle Q$.

Hence, the $\angle R$ form a greater angle.