



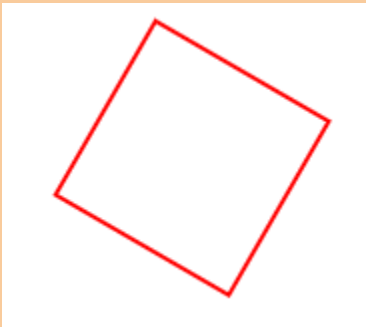
## Right Angles

### FREE Worksheet - 2

Time: 20 minutes

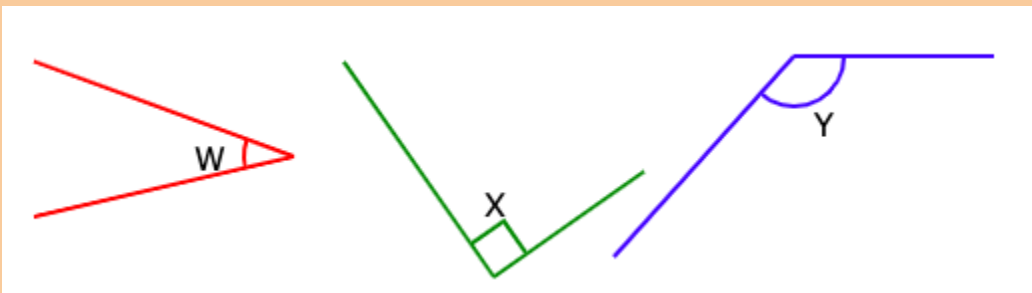
(Detailed solutions at the end)

1. How many right angles are there in the figure below?



Answer: \_\_\_\_\_

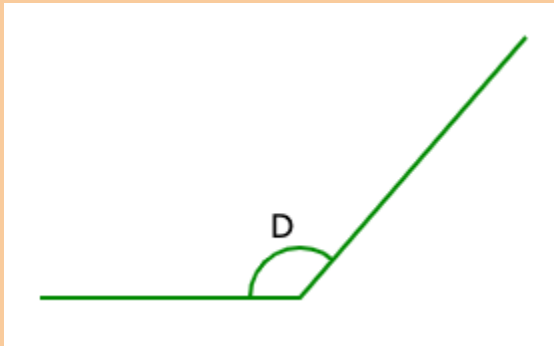
2. Which of the below angles form a right angle?



- $\angle W$
- $\angle X$
- $\angle Y$

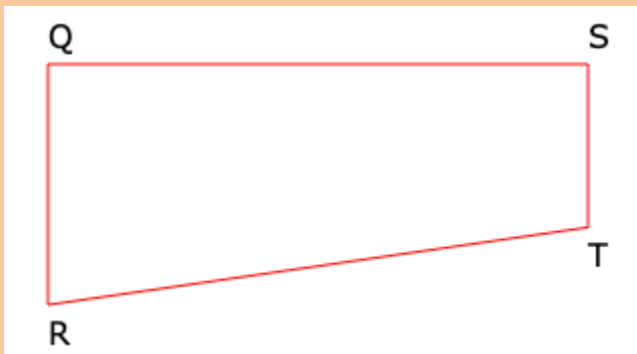


3.  $\angle D$  is \_\_\_\_\_ than right angle.



- TRUE
- FALSE

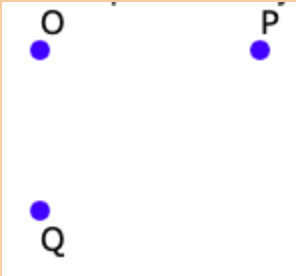
4. Which angle is greater than the right angle in the figure below?



- $\angle SQR$
- $\angle QRT$
- $\angle STR$

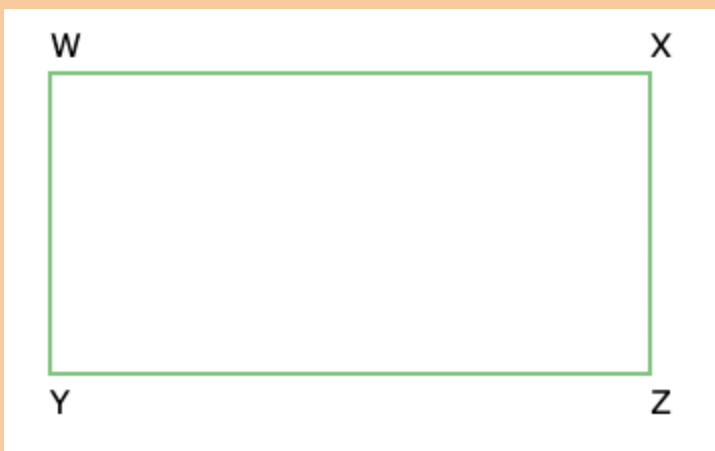


5. Which points will you connect to form a right angle?



- $P \rightarrow O \rightarrow Q$
- $O \rightarrow P \rightarrow Q$
- $P \rightarrow Q \rightarrow O$

6. How many angles are smaller than the right angle in the figure below?



- 0
- 2
- 4



## SOLUTIONS

### **Problem 1**

The figure is a square.

A square has 4 right angles.

### **Problem 2**

Right angle is an angle of  $90^\circ$ , as in a corner of a square.

Hence,  $\angle X$  is a right angle.

### **Problem 3**

Right angle is an angle of  $90^\circ$ , as in a corner of a square.

The angle given is greater than the right angle.

### **Problem 4**

Right angle is an angle of  $90^\circ$ , as in a corner of a square.

$\angle STR$  is greater than right angle.

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**Problem 5**

Right angle is an angle of  $90^\circ$ , as in a corner of a square.

If you join points P  $\rightarrow$  O  $\rightarrow$  Q, it will make a right angle.

**Problem 6**

Given shape is a rectangle. All the angles of a rectangle are  $90^\circ$

Hence, in a rectangle there is no angle which is smaller than a right angle.