



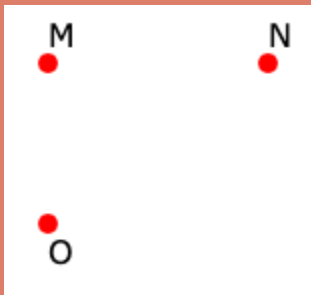
## Right Angles

### FREE Worksheet - 1

Time: 20 minutes

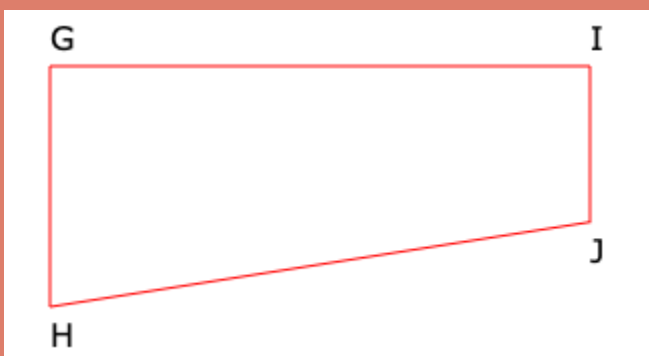
(Detailed solutions at the end)

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



- $M \rightarrow N \rightarrow O$
- $O \rightarrow M \rightarrow N$
- $N \rightarrow O \rightarrow M$

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



- $\angle HGI$
- $\angle IJH$
- $\angle GHJ$

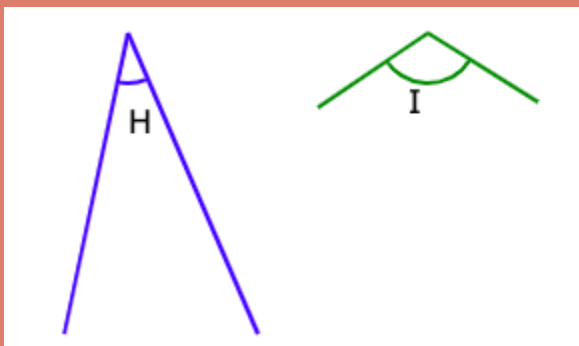


3. Which of the below angles is greater than a right angle?



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

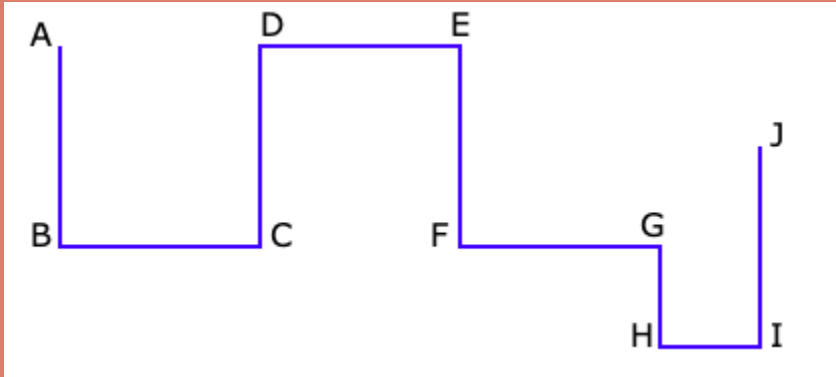
4. Which of the below angles is smaller than a right angle?



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

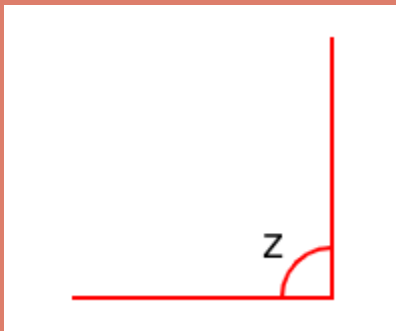


5. How many right angles are there in the figure below?



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

6. The below pair of lines form a right angle.



- TRUE
- FALSE



## **SOLUTIONS**

### **Problem 1**

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

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

### **Problem 2**

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

$\angle IJH$  is greater than right angle.

### **Problem 3**

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

$\angle O$  is greater than right angle.

### **Problem 4**

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

$\angle H$  is smaller than right angle.



**Problem 5**

The figure has 8 right angles.

$\angle ABC$ ,  $\angle BCD$ ,  $\angle CDE$ ,  $\angle DEF$ ,  $\angle EFG$ ,  $\angle FGH$ ,  $\angle GHI$  and  $\angle HIJ$   
are right angles.

**Problem 6**

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

The angle given is a right angle.