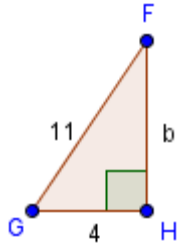


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

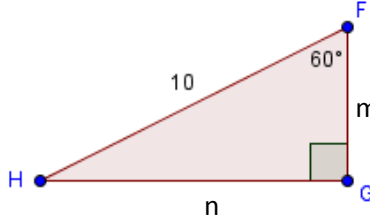
**Geometry – Pythagorean Theorem & Special Right Triangles Exit Slip**

Directions: Find the missing side lengths in each of the following right triangles.

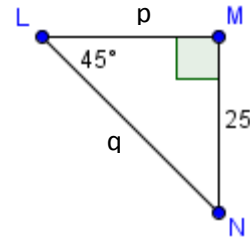
1.  $b =$  \_\_\_\_\_



2.  $m =$  \_\_\_\_\_  $n =$  \_\_\_\_\_



3.  $p =$  \_\_\_\_\_  $q =$  \_\_\_\_\_



4. Recall the value you found for  $b$  in #1. Write a mathematical argument to justify your answer.

---



---



---



---

5. Use the given information in the following diagram to find the length of  $\overline{DC}$ .

DC = \_\_\_\_\_

