## **Pythagorean Theorem | Word Problems**

## Solve the word problems. Round your answer to the nearest tenth.

1) Anna was designing a flag for the pirate ship model. She used a fabric of length 5 inches and width 3 inches. What was the diagonal length of the flag?



5) Edmon was building the roof of his pet's doghouse. The two slopes of the roof, each measuring 25 inches, form a right triangle. What is the length of the longest side?

З in

5 in