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The length of a rectangular swimming pool is 50 feet. The width of the pool is 20 feet. What is the length of the diagonal of the pool? Round your answer to the nearest tenth.

A rectangular picture frame has a length of 7 inches and a width of 5 inches. What is the length of the diagonal of the picture frame? Round your answer to the nearest tenth.

Carl the carpenter is building a new door for the barn. The rectangular door measures 8.5’ tall and 4.5’ wide. He needs a diagonal brace to secure the door. How long must the diagonal brace measure?

A 25’ ladder leans up against a house to reach a window that is 18’ above the ground. How far away from the house is the base of the ladder?