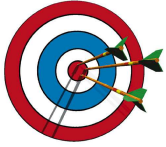


Unit 1-14

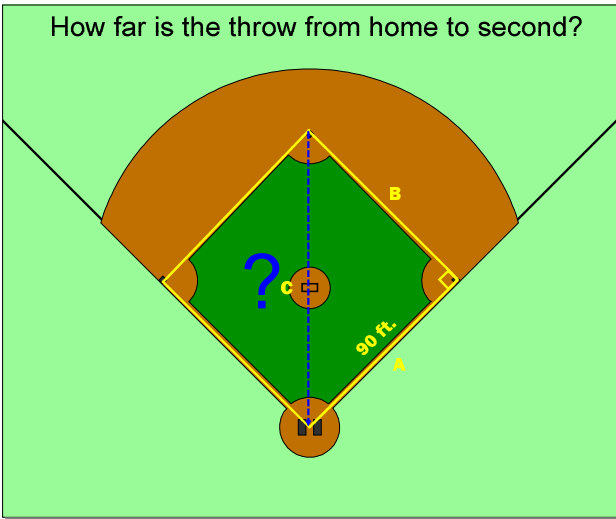


Pythagorean Theorem

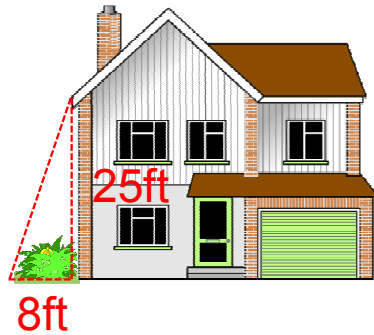
Today's Learning Targets:

1.14 I can draw a diagram & use the Pythagorean Theorem to solve real-world problems involving right triangles.

How far is the throw from home to second?

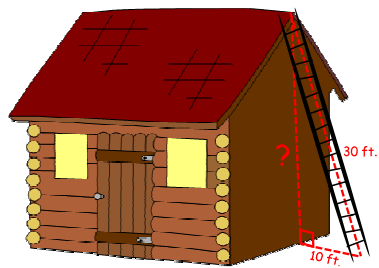


How long must a ladder be to reach the roof?



Unit 1-14

A 30 ft. ladder, placed 10 feet away from house, just reaches the peak of the roof. How high is the peak of the roof?



The height of a delivery truck bed is three feet. The edge of a ramp on the ground is six feet away from the truck. How long is the ramp?



Alex is sitting in a tree 18 ft above the ground. He spots a buck 90 ft from the base of the tree. How far of a shot does Alex have to take?



Unit 1-14

In Fairfax, the library is 4 miles due south of the courthouse and 3 miles due west of the community swimming pool. What is the distance between the courthouse and the community swimming pool?



Emily is fishing from a small boat. Her fishing hook is 12 feet below her, and a fish is swimming at the same depth as the hook, 16 feet away.



How far away is Emily from the fish?
