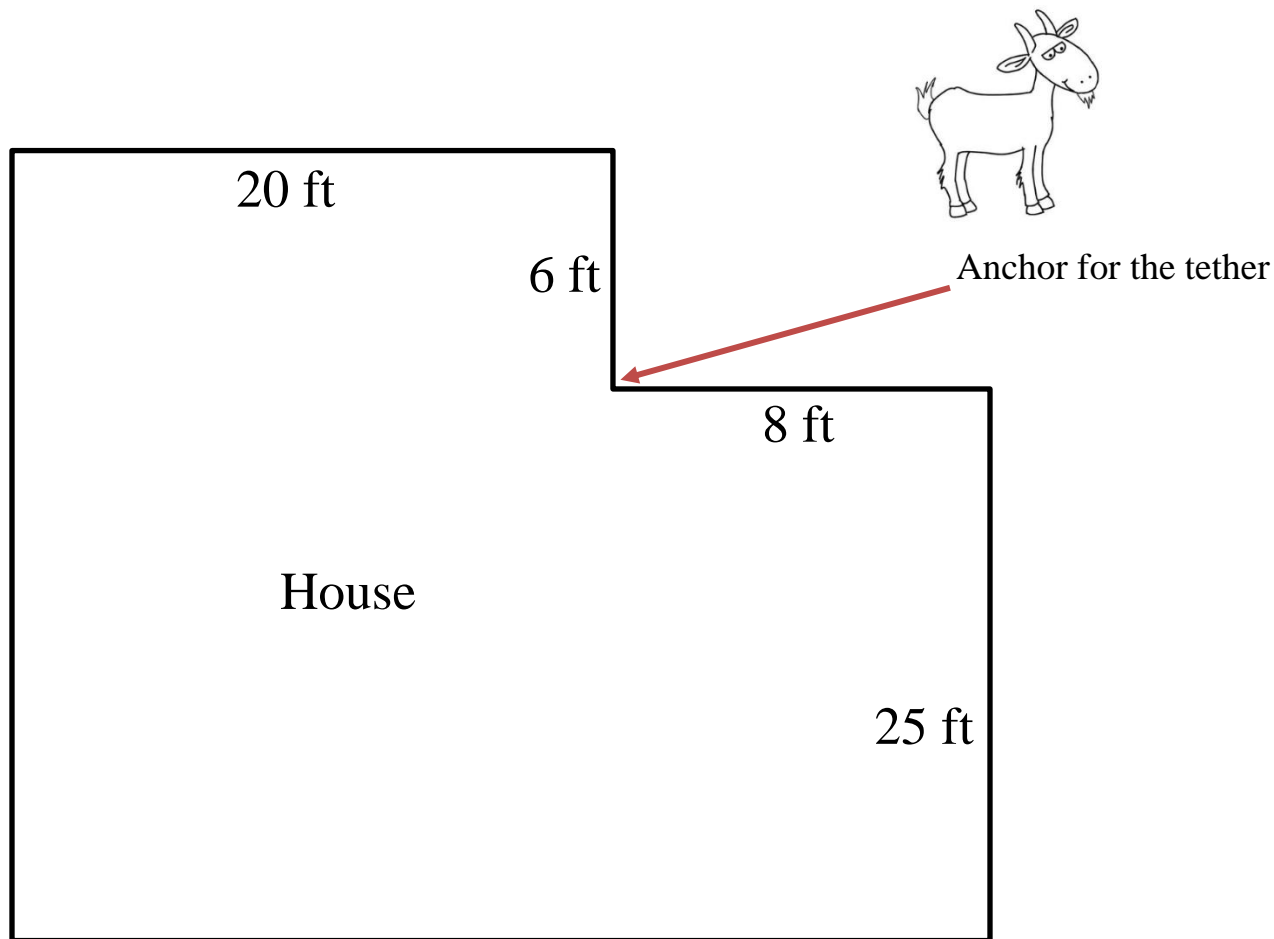


Honors Geometry

Problem of the Week #5 — Goat Tether

Due Monday March 4th, 2019 at the start of class

A family just bought a goat. They want to keep weeds down in the yard by putting the goat on a tether and letting it graze on the side of their house. If the tether is 11 feet long and is attached at the corner of the house where the 6ft and 8ft long walls meet, how much land can the goat reach for grazing? Give your answer rounded to the nearest square foot. Explain your answer with a standard write up.



*House not drawn to scale. Assume angles are 90° .