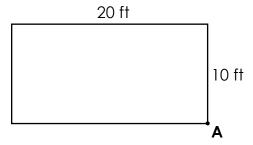# GRAZING GOAT

_____
(name)

1. A goat is tethered to the corner of a rectangular building (at the vertex marked A) as shown below at the end of a 25 foot rope. Find the total area available to the goat for grazing.

20 ft

10 ft

A

2. A goat is tethered to the corner of a triangular building (at the vertex marked A) as shown below at the end of a 50 foot rope. Find the total area available to the goat for grazing.

20 ft

A

40 ft