

MATH FUN

The Fire Prevention Bureau consults a **goat** herder about the possibility of using goat grazing to help with their vegetation management program. The herder quotes a price of \$600 per acre of grazing for the use of his goats, including transportation of the animals to and from the site. One section of vegetation is the oblique triangle pictured below. Calculate the cost of having goats graze this area. (Hint: an acre is 43,560 square feet.)

