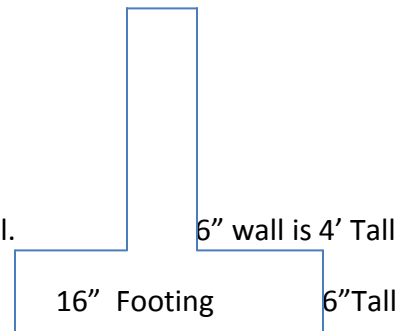


Area/Volume

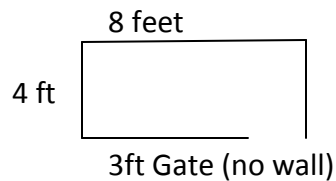
Concrete Footing/Wall #1

You are pouring a footing for a concrete wall. The footing will be 16" wide, 6" tall, and the wall will be six inches wide and 4' tall.



1. Find the cross-sectional area of the footing/wall. How many square FEET of concrete?

2. The following diagram is a floor plan of the proposed paddock. How many linear feet of wall will need to be poured?



3. For the entire project, how many cubic feet of concrete will be needed?
4. Scott's will deliver the material for \$104.27 per cubic yard. During the winter they will assess an additional \$3.50 per cubic yard for hot water. What will be the materials charge for the necessary concrete?