



**Draw a picture then solve.**

\_\_\_\_\_ 15.) The area of a circle with a circumference of 2.6 cm.

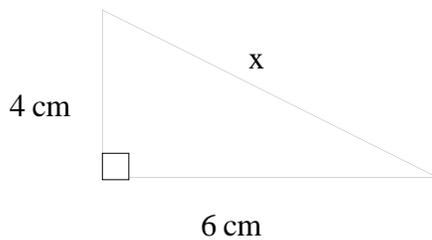
\_\_\_\_\_ 16.) The surface area in SI units of a cylinder with radius 200 cm and height 150 in

\_\_\_\_\_ 17.) The volume of a cylinder in  $m^3$  with height 0.4 hm and radius 5.5 m

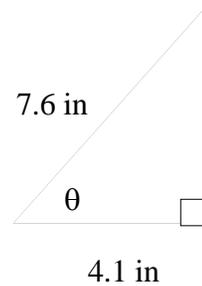
\_\_\_\_\_ 18.) The volume of a box in cubic feet with length 2 m, height 4 m, and width 12 ft.

Solve for the missing value.

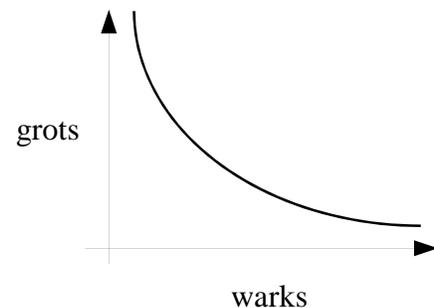
x = \_\_\_\_\_ 19.)



$\theta$  = \_\_\_\_\_ 20.)



21.) What is the relationship between grots and warks shown in the graph at right?



22.) Explain the difference between a *direct* and an *inverse* proportion.