

UNDER PRESSURE

Warm-Up:

1) If a tank that measures 120 inches in height is 65% full, how many inches of water does it contain? Express your answer two ways: in inches as well as in feet.

2) The volume of a cylindrical water tank is 3500 cu. ft.

a. How many gallons of water can it hold at full capacity?

b. What is the tank's diameter if the height is 10 ft?

