The U.S. Department of Agriculture reported that 57 out of every 100 milk drinkers drink skim milk. If a storeowner orders 25 gallons of milk, how many should be skim?

Step 1: Answer

14.82

Step 2: Explanation

The amount of milk to buy will be determined by multiplying 26 gallons by 57/100:

26(57/100)

26\*0.57

= 14.82

Therefore, skim milk should be used in about 15 gallons of milk.

Under normal conditions, 1.5 feet of snow will melt into 2 inches of water. After a monster snowstorm, there were 3.5 feet of snow. How many inches of water will there be when the snow melts?

Step 1:

The 5.33 inch.

Step 2:

Detailed explanation:

1.5 feet of snow will melt into 2 inches of water under typical circumstances.

Since 1 foot equals 12 inches,

1.5 feet = 12 × 1.5 = 18 inches

4 feet = 12 × 4 = 48 inches

We now employ the unitary technique.

18 inches of snow will melt into 2 inches of water.

∵ 18 inches snow will melt into water = 2 inches

∴ 1 inches snow will melt into water = 2/18 inches

a depth of 5.33 inches.

When the snow melts, there will be 5.33 inches of water.