

how many cubic meter of each can be excavated from a rectangular well 28m deep and base dimension are 10 m and 7m

Solution:

Our rectangular well is a kind of rectangular prism.

Shape	Volume formula	Variables
Rectangular prism	$l \cdot w \cdot h$	l = length, w = width, h = height

In our case we have:

$$l=10\text{m}$$

$$w=7\text{m}$$

$$h=28\text{m}$$

Consider the formula and make a conclusion:

$$V = 10 \cdot 7 \cdot 28 = 1960(m^3) \text{ and that's our answer.}$$

Answer: 1960(m³).