## Elevator mechanics exam questions and answers graded A+

What's the equation for the volume of the cylinder?  $\checkmark\checkmark$  (volume)= pi multiplied by R squared multiplied by the height

Example: radius is 6" height is 30

V=3.1416\*6\*6\*30

A drill draws a current (I) of 4.5 amps and resistance of 16.0 ohms, how do You find the power(watts)? 

P=I squared (amps) multipled by R(resistance)

Example:P=4.5\*4.5\*16.0

4.5-4.5-20.25

20.25+16.0-324

P = 3.24

What is the equation for distance? ✓ ✓ D=R•T

D(distance=R(rate) multiplied by T(time)

What is the equation for pressure? 

√√pressure = force/area

# California State Maintenance Mechanic Exam Practice <u>Test</u>

**JS Bruner** 

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