* ELECTRICAL 102 WORKSHEET * *

Scenario #1

you know...

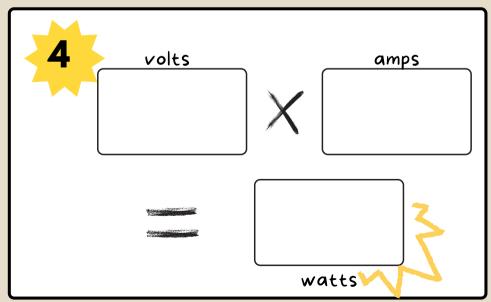
- EACH OF THE POLES BRING 120 VAC TO THE HEATER CIRCUIT FOR A TOTAL OF 240 VOLTS
- THE MAXIMUM SAFE LOAD FOR A 20 AMP BREAKER IS 80% OF ITS LISTED CAPACITY, OR 16 AMPS.

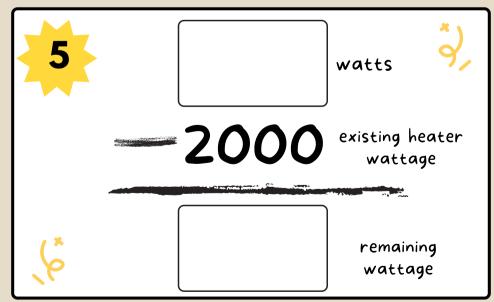


WATTS
=
Volts
x
Amps

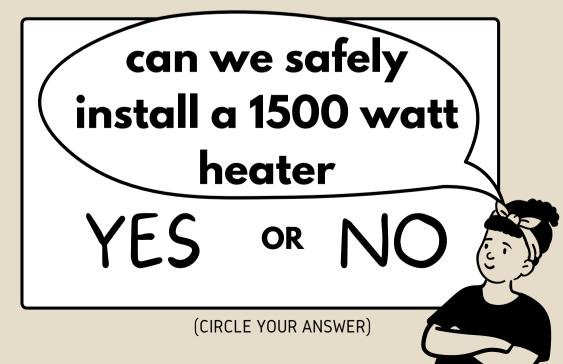








what is the total wattage the heater circuit can handle?

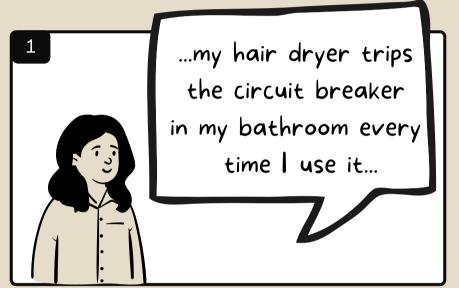


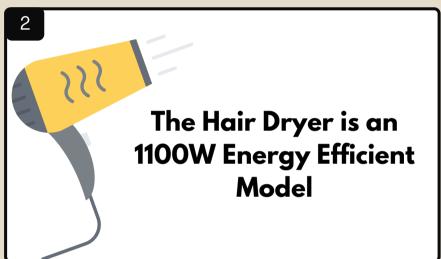
ELECTRICAL 102 WORKSHEET

WATTS = Volts x Amps

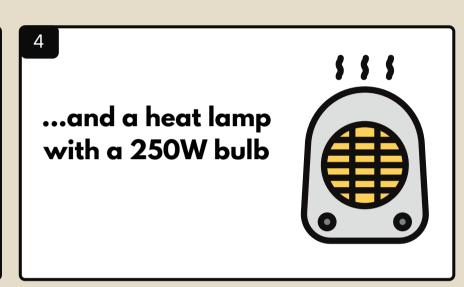
AMPS = Watts ÷ Volts

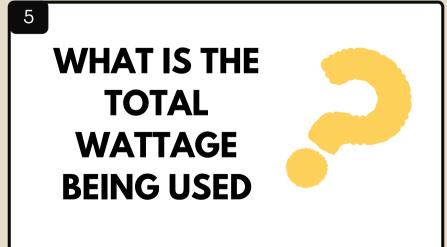
Scenario #2

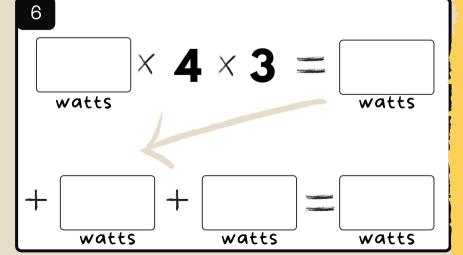


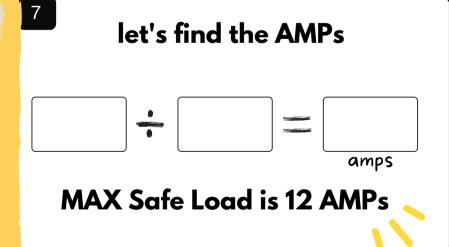


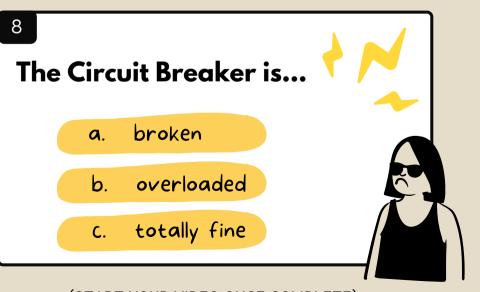












(START YOUR VIDEO ONCE COMPLETE)

STOP

(START YOUR VIDEO ONCE COMPLETE)