

DENSITY



What is Density?

Density – a measure of the amount of material (mass) in a given space (volume)

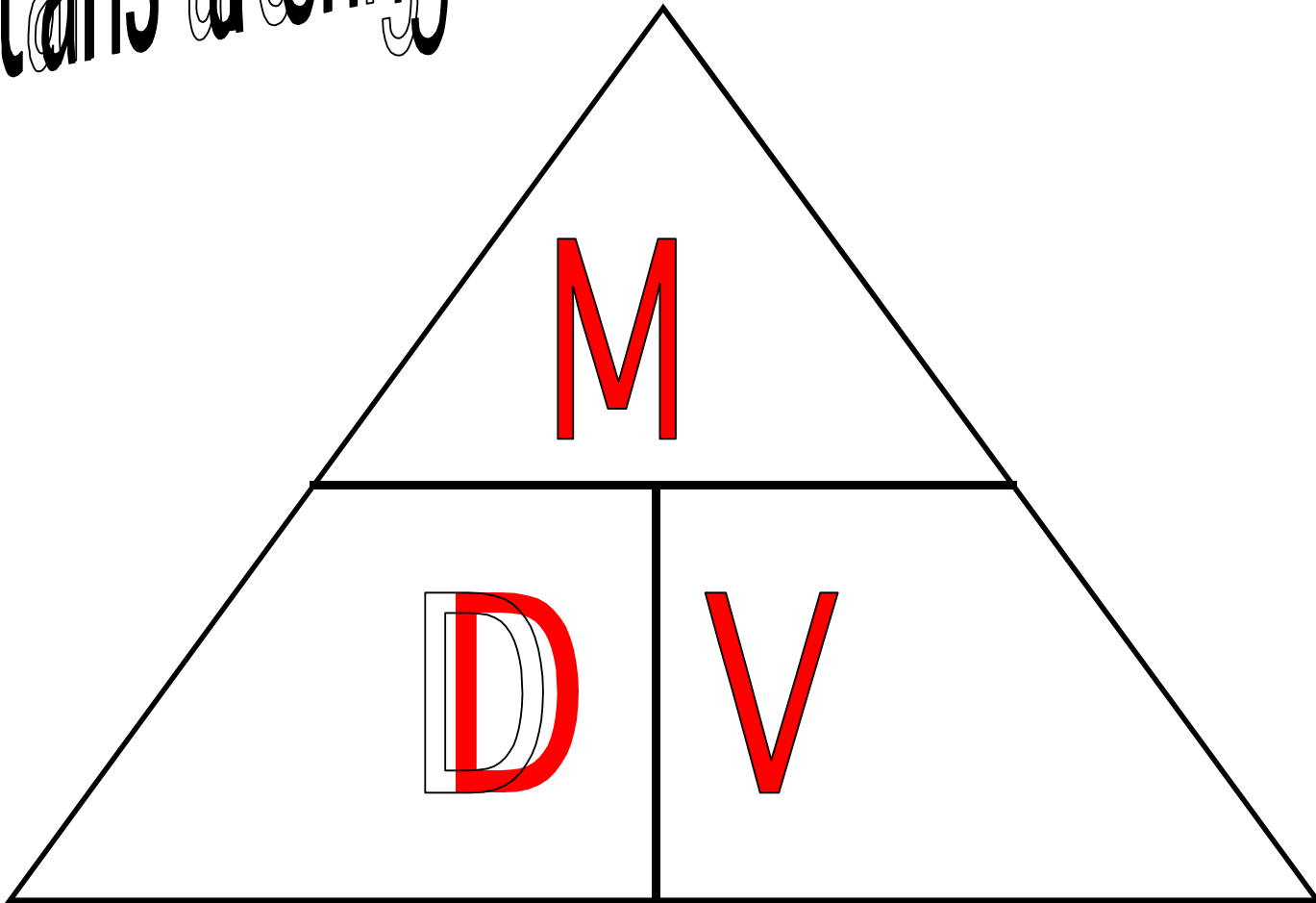
$$\text{density} = \frac{\text{mass}}{\text{volume}}$$

$$\text{or } D = \frac{m}{v}$$

Understanding density is one of the keys to success in understanding Physical Science and Earth Science next year!!!!

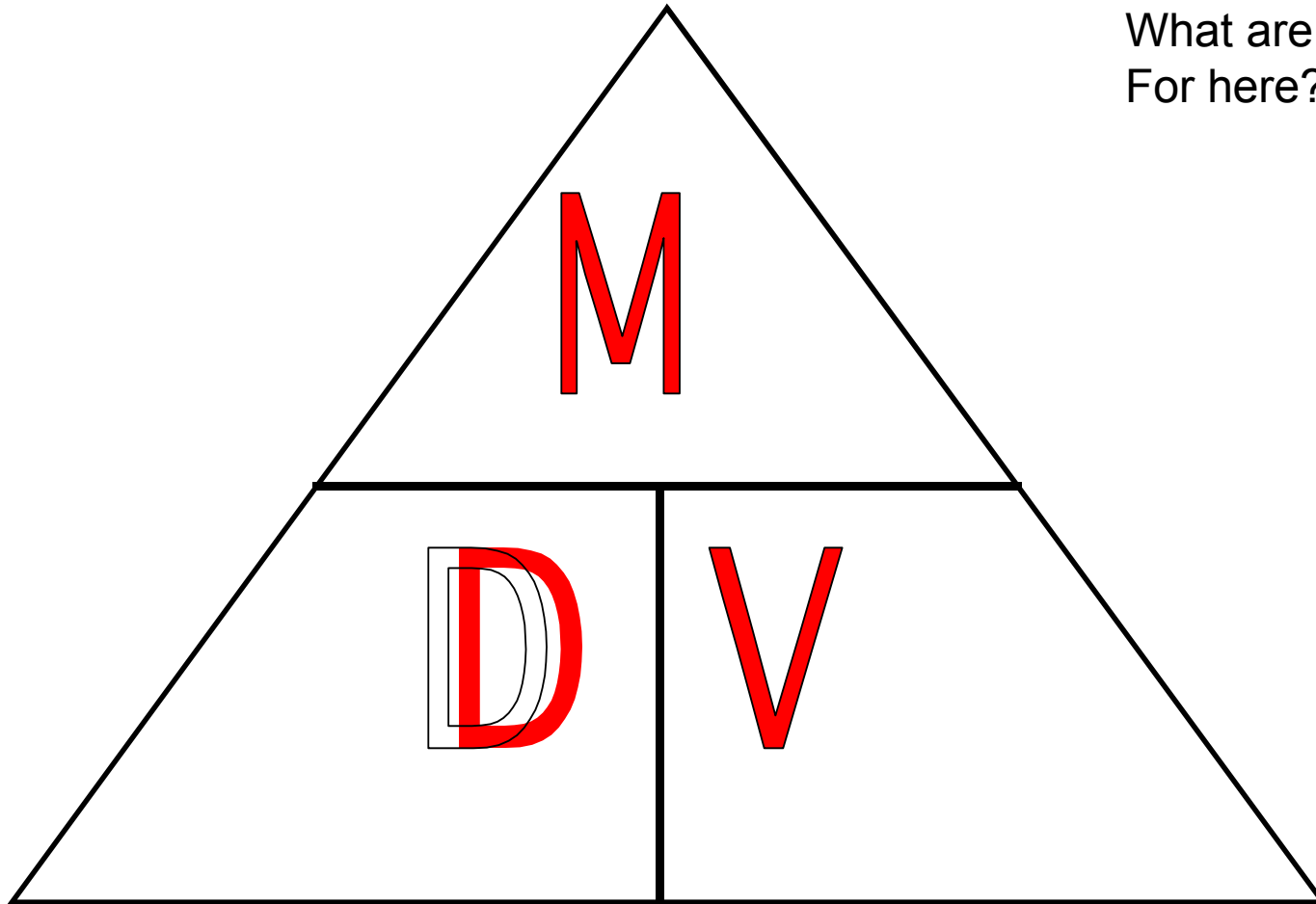
THE TRICK...

"Mountains are higher than deserts and valleys" "



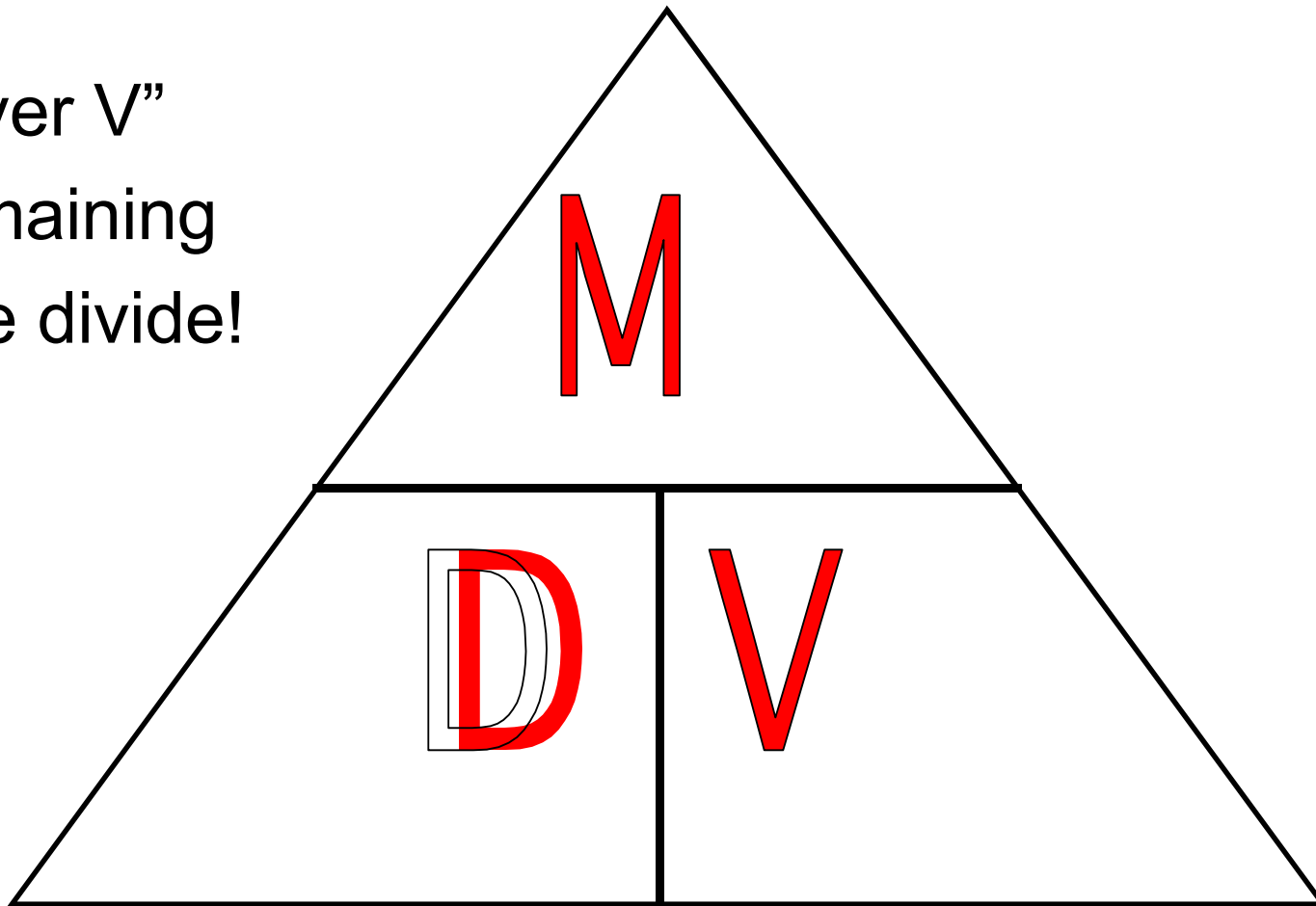
Cover up the one you want to solve
for!

What are we solving
For here???



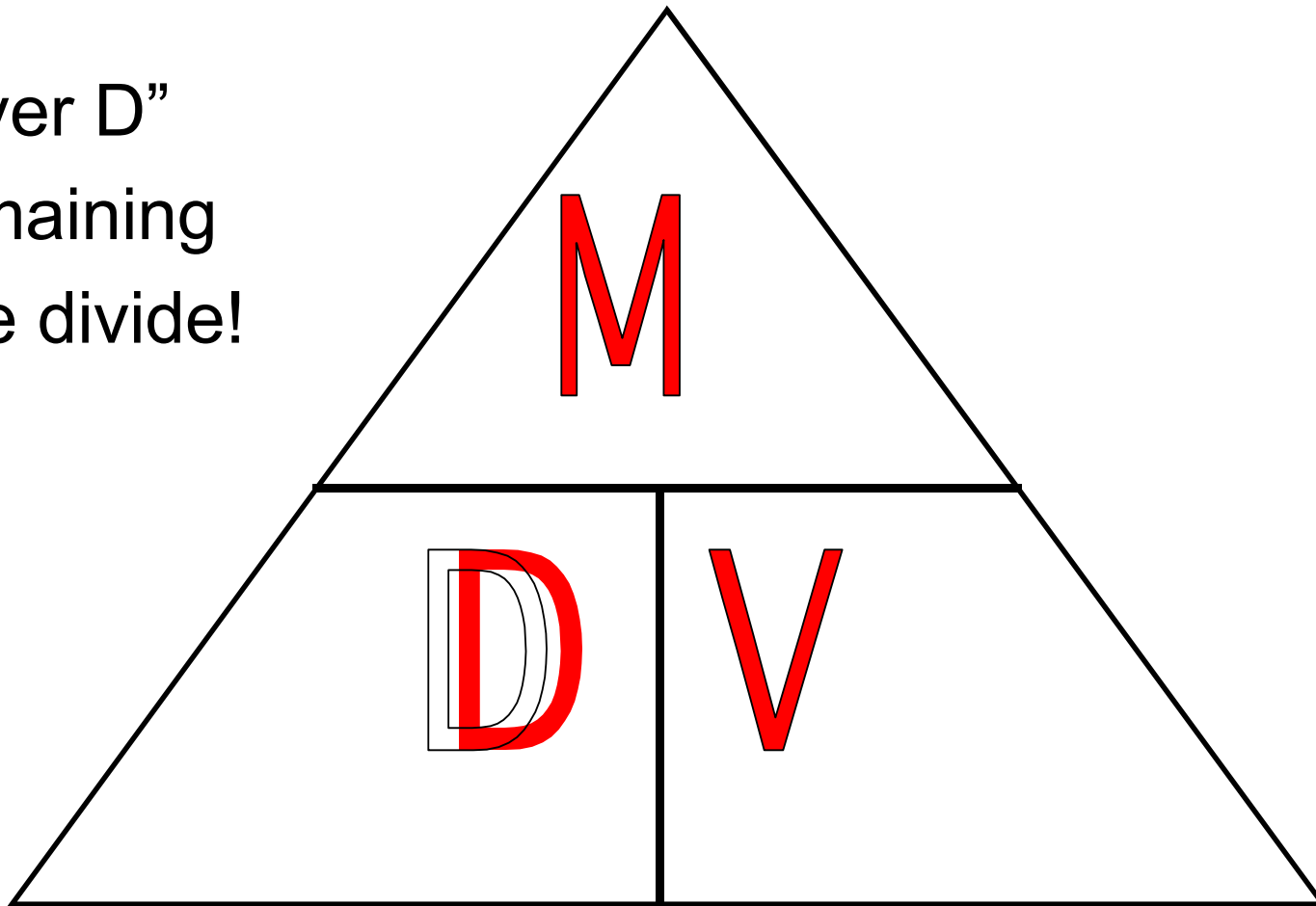
Let's solve for Density.

“M over V”
is remaining
so we divide!



Let's solve for VOLUME.

“M over D”
is remaining
so we divide!



Let's solve for Mass.

“D next to V”
is remaining
so we
multiply!

