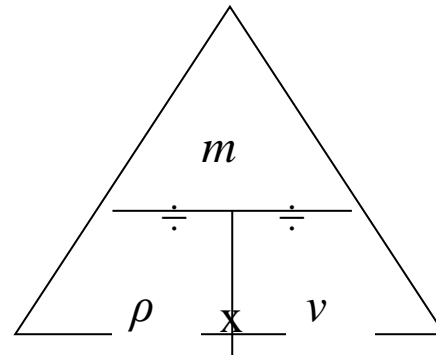


Object	Material	Mass / g	Volume / cm ³	Working out	Density / g / cm ³
Wooden Desk	Wood	35 000	70 000		
Key	Steel	38.5	5		
Chopping board	Wood	1200	2400		
Fishing Weight	Lead	22	2		
Club Hammer	Steel	5800	750		
Floor Tile	Marble	4000			2.2
Safety glasses	Perspex		50		1.2

Calculating Density Practice Problems

Use the following diagram to help you answer the questions below.



Where m = mass ρ = density v = volume

Hint: Using the diagram above, put your finger over the one you want to find out and you will see how to work out the question.