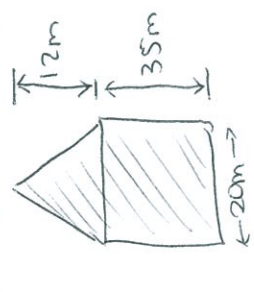
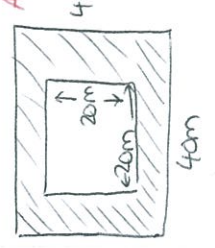


IMAT Measurement Revision

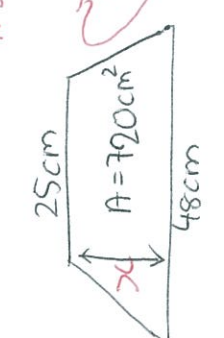
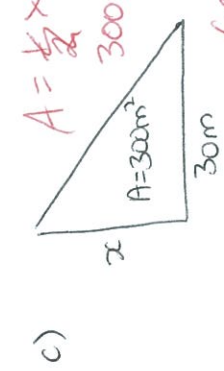
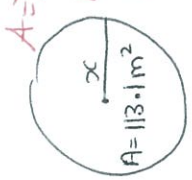
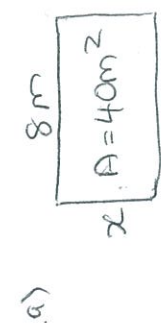
1) Find the volume of these:



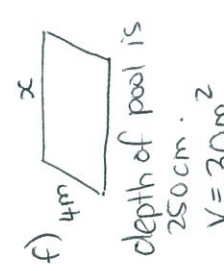
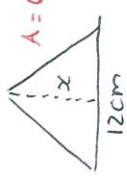
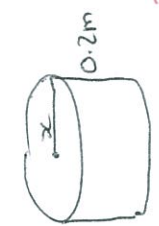
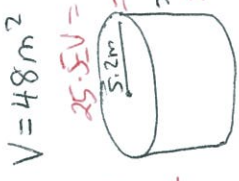
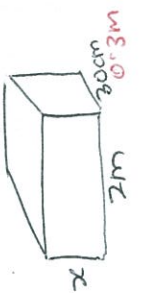
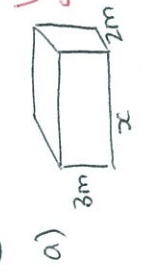
2) Find the shaded area.



3) Given the following areas, find x.



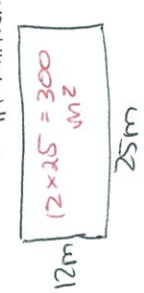
4) Given the following volumes, find x.



5) How long can these cyclists ride for if person A rides 24km at a speed of 15km/h & person B rides 35000m at 8km/h?

6) Lawn mowing takes 30 seconds to mow 1m²

a) How long to mow this lawn in minutes?



b) How long to mow this lawn?



7) You have a rectangular wall to paint with dimensions 9m x 3m. You can paint 2m² in 1 min. How long to paint the whole wall?

a) Find the circumference of a circular walking track. If you can walk 10m in 4 seconds, how long will it take to walk around the whole track? (in seconds)



b) How long is that in hrs?
 $1min for 2m^2 \Rightarrow 150min for 300m^2$

c) How long in minutes?
 $10m in 4 seconds, how long will it take to walk 200m? = 80s = 1min 20s$

d) How many laps can you do in 10mins?