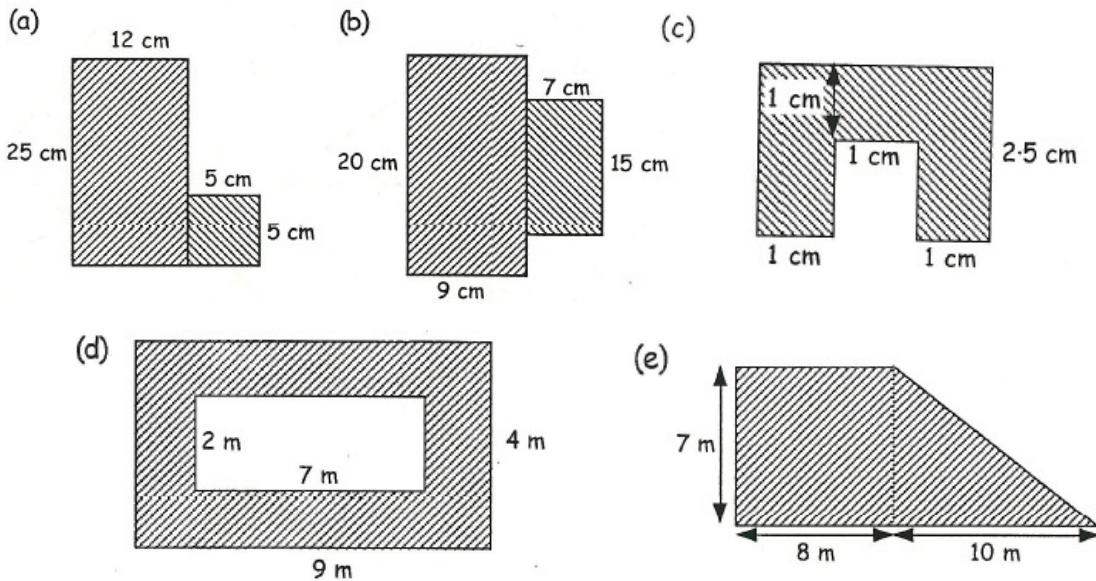
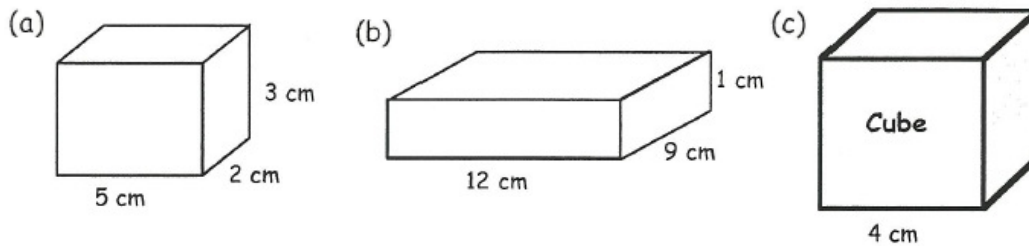




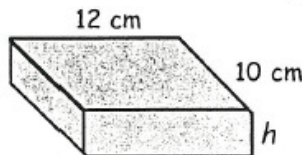
1. Calculate the **total shaded area** of each shape below:-



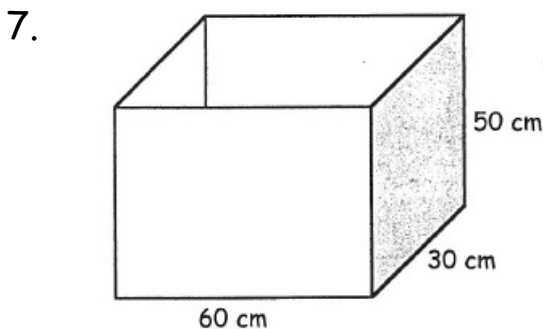
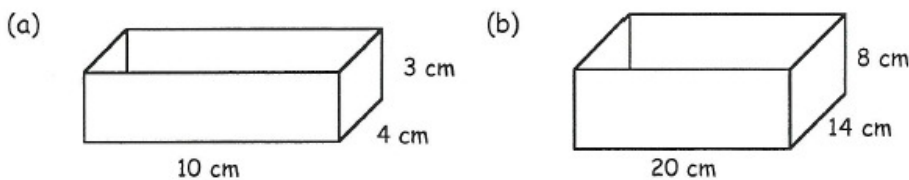
4. Use the formula to calculate the volume of each of the following cuboids :-



5. The volume of the box shown is 360 cm^3 . Find the height of the box.



6. Calculate the volume of each (cm^3) and write how many millilitres each will hold when full.



An empty aquarium has dimensions as shown.

The tank must be at least **three quarters** full of water for the fish to survive.

What is the minimum volume of water that must be poured into the tank?

(Answer in litres)