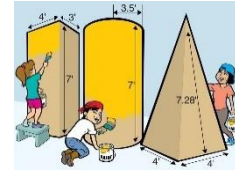




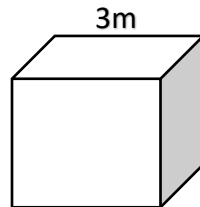
Grade 8 - Mathematics

Surface Area and Volume 3

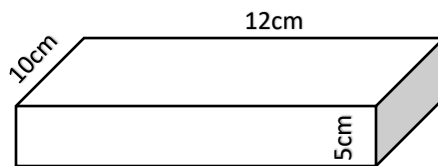


Activity

1. Calculate the volume and capacity (in *kl*) of the following cube.



2. Calculate the volume and capacity (in *l*) of the following rectangular prism.





WorksheetCloud

3. Jack has a sandbox in his yard. The measurements of the sandbox are 3m long, 2m wide and 1m deep.
 - a. How many litres of sand will he need to fill this box?
 - b. What will the sand cost if it is sold in bags of $1,5kl$ at a price of R36 per bag?

4. Thabo uses a rectangular container to fill up a tub. The container is 12cm tall and has a square base. The sides of the base are 6cm. It will take 8 containers to fill up the tub. What is the capacity of the tub in l ?