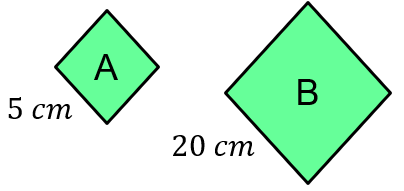
**Similar Areas and Volumes**

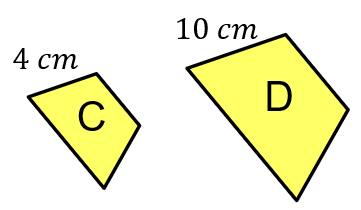


(a) Find the linear scale factor.

(b) Find the area scale factor.

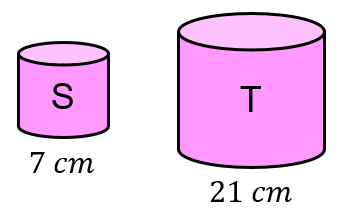
(c) The area of shape A is , find the area of shape B.

(d) The area of shape B is , find the area of shape A.



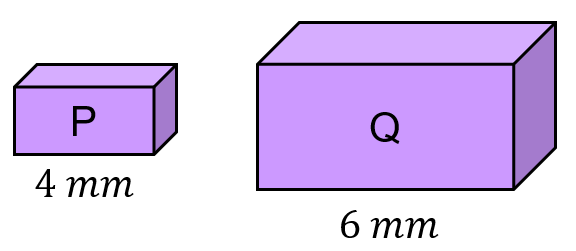
(a) The area of shape C is , find the area of shape D.

(b) The area of shape D is , find the area of shape C.



(a) The volume of shape S is , find the volume of shape T.

(b) The volume of shape T is , find the volume of shape S.



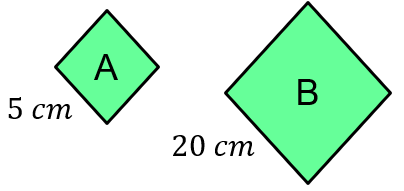
(a) The volume of shape P is , find the volume of shape Q.

(b) The volume of shape Q is , find the volume of shape P.

(c) The surface area of shape P is , find the surface area of shape Q.

(d) The surface area of shape Q is , find the surface area of shape P.

**Similar Areas and Volumes**

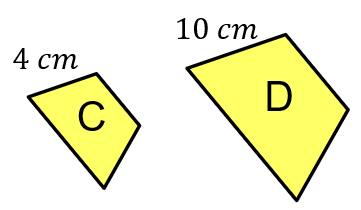


(a) Find the linear scale factor.

(b) Find the area scale factor.

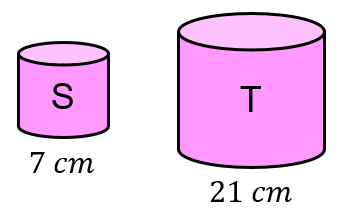
(c) The area of shape A is , find the area of shape B.

(d) The area of shape B is , find the area of shape A.



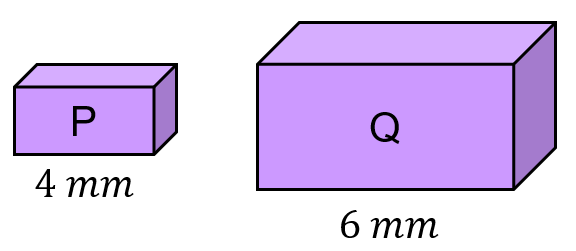
(a) The area of shape C is , find the area of shape D.

(b) The area of shape D is , find the area of shape C.



(a) The volume of shape S is , find the volume of shape T.

(b) The volume of shape T is , find the volume of shape S.



(a) The volume of shape P is , find the volume of shape Q.

(b) The volume of shape Q is , find the volume of shape P.

(c) The surface area of shape P is , find the surface area of shape Q.

(d) The surface area of shape Q is , find the surface area of shape P.