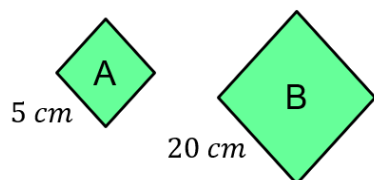
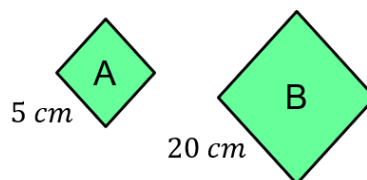


Similar Areas and Volumes

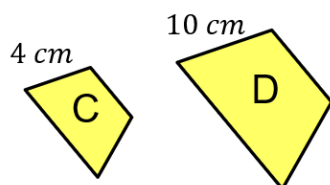


- (a) Find the linear scale factor.
- (b) Find the area scale factor.
- (c) If the area of shape A is 15 cm^2 , find the area of shape B.
- (d) If the area of shape B is 360 cm^2 , find the area of shape A.

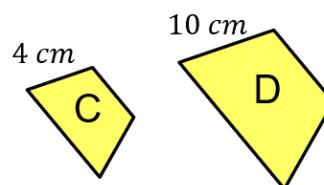
Similar Areas and Volumes



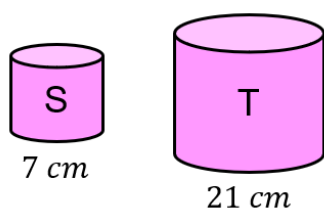
- (a) Find the linear scale factor.
- (b) Find the area scale factor.
- (c) If the area of shape A is 15 cm^2 , find the area of shape B.
- (d) If the area of shape B is 360 cm^2 , find the area of shape A.



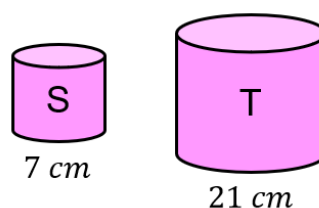
- (a) If the area of shape C is 12 cm^2 , find the area of shape D.
- (b) If the area of shape D is 50 cm^2 , find the area of shape C.



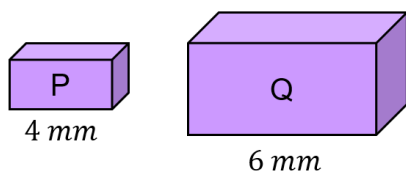
- (a) If the area of shape C is 12 cm^2 , find the area of shape D.
- (b) If the area of shape D is 50 cm^2 , find the area of shape C.



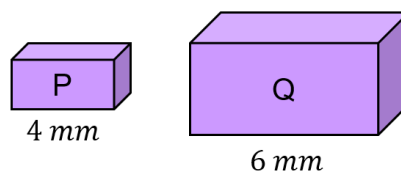
- (a) If the volume of shape S is 70 cm^3 , find the volume of shape T.
- (b) If the volume of shape T is 810 cm^3 , find the volume of shape S.



- (a) If the volume of shape S is 70 cm^3 , find the volume of shape T.
- (b) If the volume of shape T is 810 cm^3 , find the volume of shape S.



- (a) If the volume of shape P is 24 cm^3 , find the volume of shape Q.
- (b) If the volume of shape Q is 270 cm^3 , find the volume of shape P.
- (c) If the surface area of shape P is 110 cm^2 , find the surface area of shape Q.
- (d) If the surface area of shape Q is 180 cm^2 , find the surface area of shape P.



- (a) If the volume of shape P is 24 cm^3 , find the volume of shape Q.
- (b) If the volume of shape Q is 270 cm^3 , find the volume of shape P.
- (c) If the surface area of shape P is 110 cm^2 , find the surface area of shape Q.
- (d) If the surface area of shape Q is 180 cm^2 , find the surface area of shape P.