



KEC

K Education Centre



KS3 Year 9 Mathematics

Volume and Area

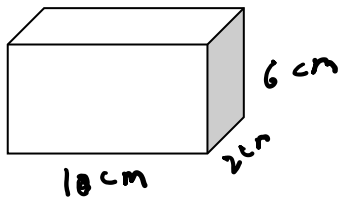
Assignment Questions

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Year 2023

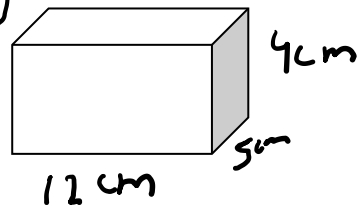
Volume and Area

Q1 : Find the volume of following cuboids :

a)

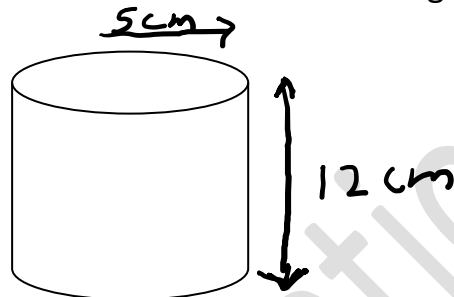


b)



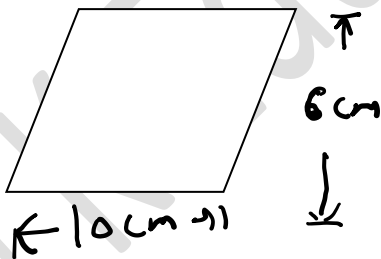
Q2: Find the volume of cylinder with radius 4 cm and height 6 cm .

Q3 : Find the surface are and volume of following cylinder.

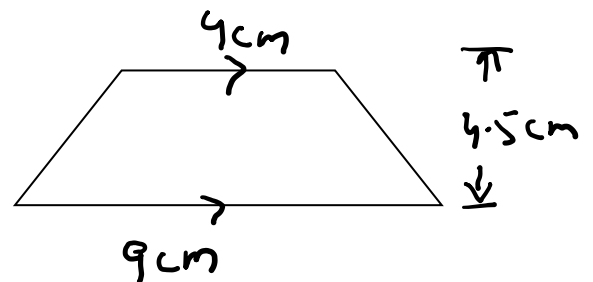


Q4: Find the area of following :

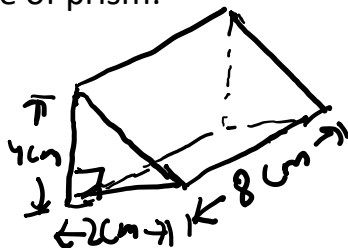
a)



b)



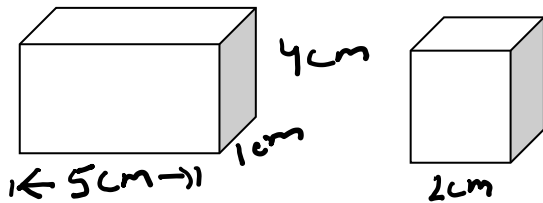
Q5: Find the volume of prism:



(Not to scale)

Q6: Find the radius of the cylinder if its volume is 278 cm^3 and its height is 10 cm.

Q7 : Find the surface area of following .



Q8: A metal cylinder with radius of 10 cm and height of 20 cm is melted down and reformed into 50 identical cylinders with radius 1 cm . Work out the height of each small cylinder.