



KEC

K Education Centre



KS3 Year 7 Mathematics

Area and Volume

Assignment Questions

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Year 2023

Area and Volume:

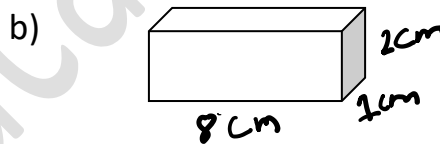
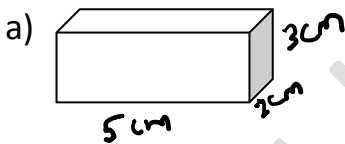
Q1 : Find the area of rectangle with length 5 cm and width 6 cm.

Q2: Fill up the following table for rectangle:

Length	Width	Area	Perimeter
12 cm		60 cm ²	
10 m	20 m		
	5 cm	80 cm ²	

Q3: Find the length of square with perimeter 32 cm.

Q4: Find the volume of following cuboids:



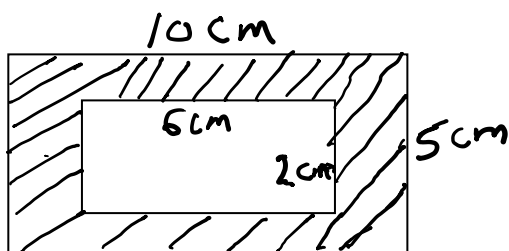
Q5: Find the area of rectangle with perimeter 22 cm and length 5 cm.

Q6: Thomas bedroom floor is a rectangle with 4m wide and 6m long. He chooses a new carpet that costs £30 per m².

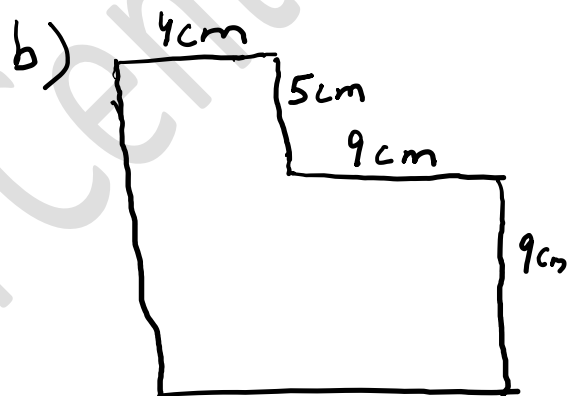
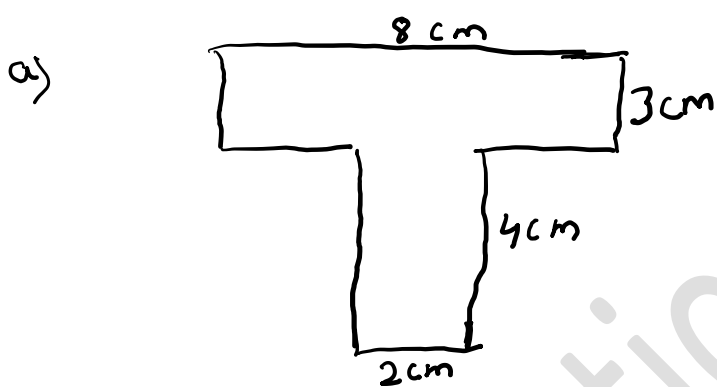
Q7: Complete the table with measurements for cuboids:

Length	Width	Height	Volume
8 mm	10 mm	4 mm	
	6 mm	4 mm	48 mm ³

Q 8: Find the area of the shaded region:



Q9: Find the area of following shapes :



Q10: A swimming pool is 5 m long , 3m wide and 2 m deep. Work out the volume of the pool.