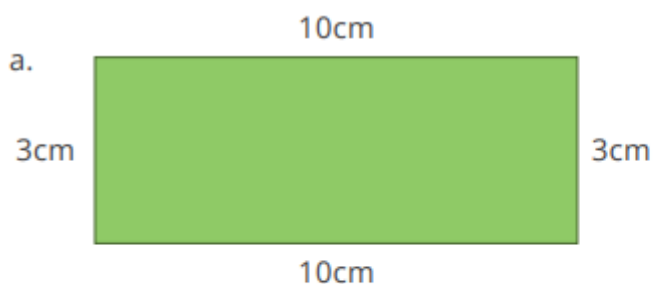




1. Calculate the area of each of the following shapes:

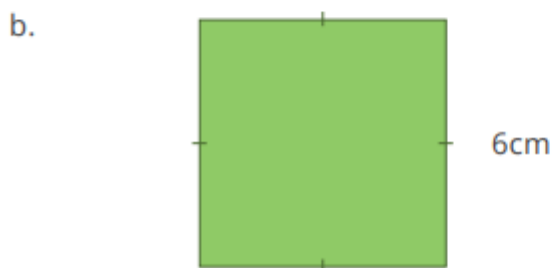


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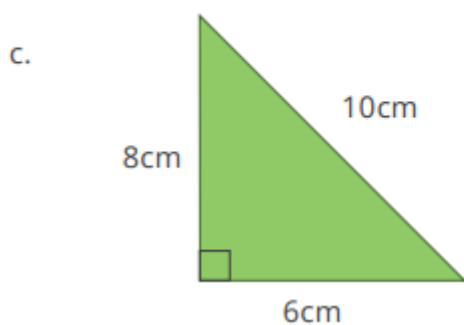


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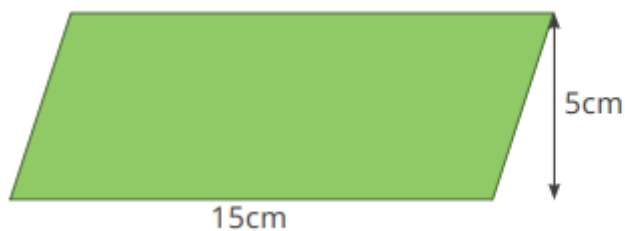
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2. Find the area of the parallelogram:



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3. Calculate the volume for each of the following shapes:

a.



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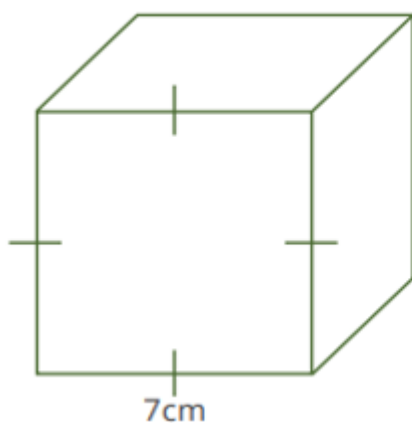
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b.



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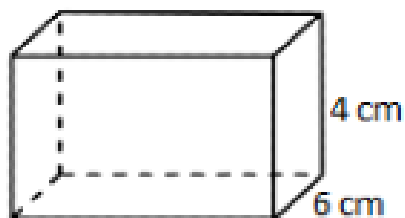
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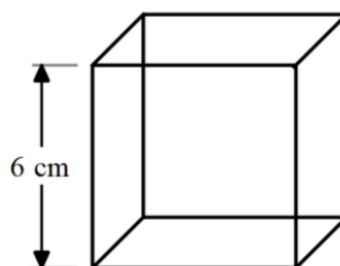
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4. The cuboid and the cube have the same volume. Calculate the measurement of the missing length marked “x”.



**x = ?**



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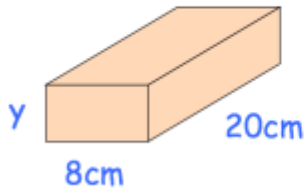
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5. For each cuboid below, find the missing measurement,  $y$ :

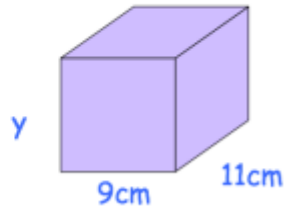
(a)

Volume:  $960\text{cm}^3$



(b)

Volume:  $990\text{cm}^3$



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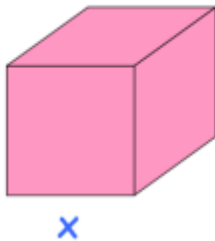
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6. The volume of each cube is given. Find the length of each side,  $x$ .

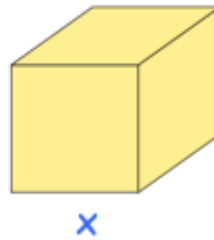
(a)

Volume:  $64\text{m}^3$



(b)

Volume:  $1000\text{cm}^3$



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7. The area of a rectangular fence is 450 square feet. If the width of the fence is 15 feet, then find its length.

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8. Kim says that 68 kilometer is more than 55 miles, do you agree with her?  
Give your reasoning.

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9. In France, the speed limit on the motorway is 130km/hr. In the UK, the motorway speed limit is 70mph. In which country can you drive the fastest?  
Explain your answer.

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10. Sam and Tina each have a parcel. Sam's parcel weighs  $4\frac{1}{2}$  kg. Tina's parcel weighs 4.2 kg. Whose parcel weighs more?  
How much more in grams is one parcel than other?

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