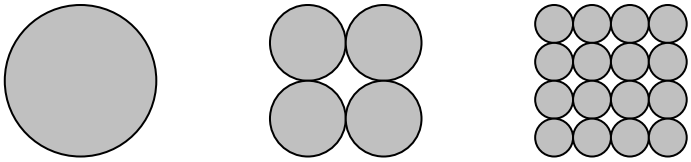
EXERCICE 1

Calculer le périmètre et l'aire des disques suivants (« R » est le rayon, « d » est le diamètre) :

	R	d	Périmètre $P = 2\pi R$	Aire $A = \pi R^2$
1.	3 cm	.....	.....	.....
2.	10 cm	.....	.....	.....
3.	.....	5 cm	.....	.....
4.	2 m	.....	.....	.....
5.	.....	3 km	.....	.....

EXERCICE 2

Parmi les figures suivantes, quelle est celle qui a l'aire la plus grande ?

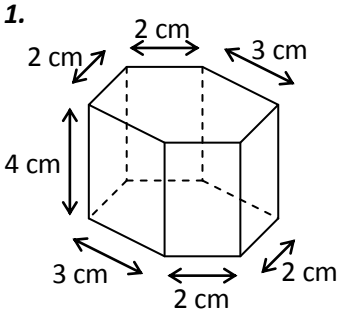


A = ... cm² A = ... cm² A = ... cm²

EXERCICE 3

Calculer l'aire latérale de ces solides :

1.



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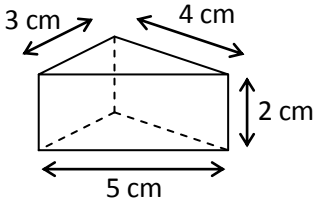

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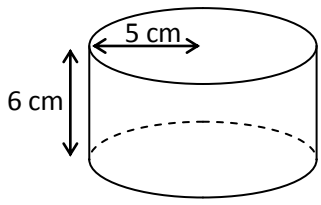

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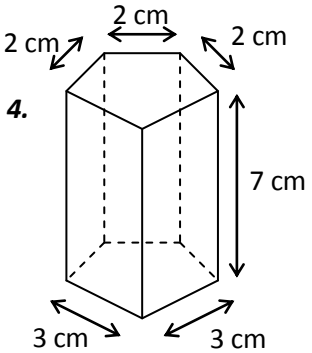

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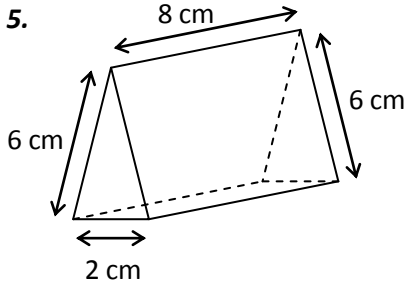

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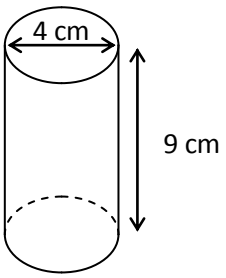
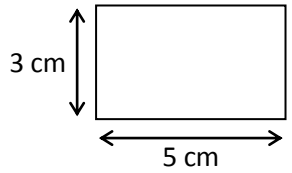


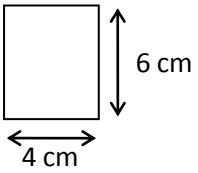
EXERCICE 4

Calculer l'aire des figures suivantes :

1.



2.



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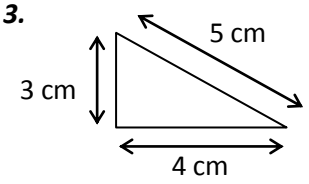

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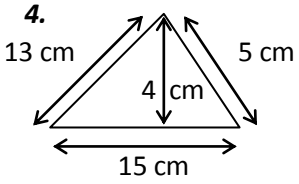

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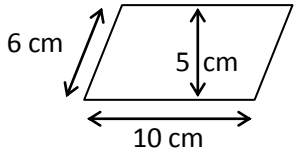
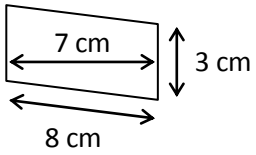


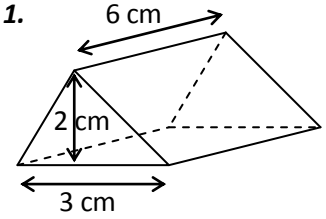
6.



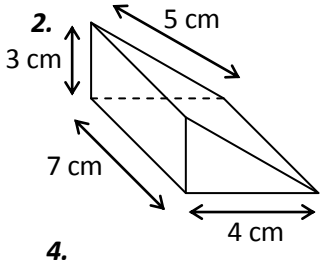
EXERCICE 5

Calculer le volume de ces solides :

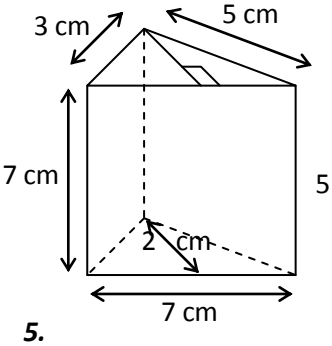
1.



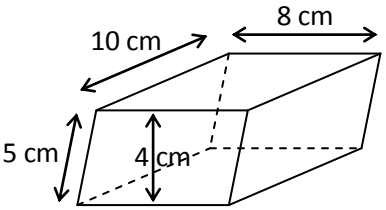
2.



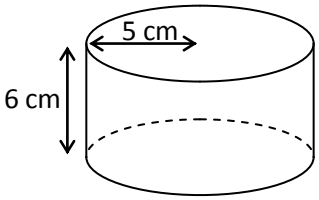
3.



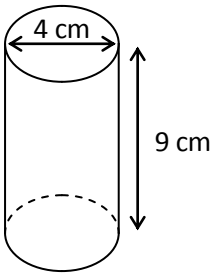
4.



5.



6.



EXERCICE 6

Calculer le volume de cette maison :