Nom : ..... Prénom : .....

Note :

Interrogation de Mathématiques n°2 (20 minutes)

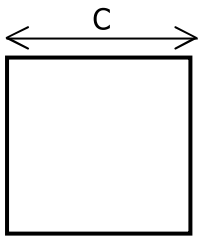
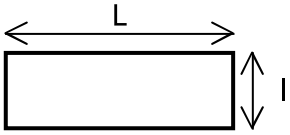
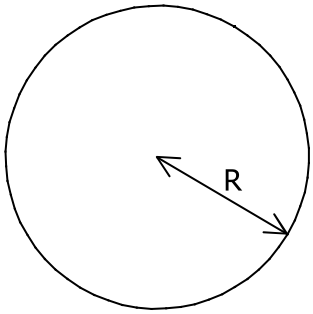
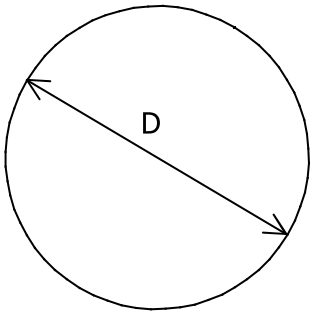
EXERCICE 1 :

Convertis :

8 km =	m	650 000 cm =	hm
7,5 m =	mm	0,05 km =	m
98,2 hm =	dm	7,25 km =	cm
2 m =	km	7 mm =	hm
3000 cm =	km	20 m =	dam

EXERCICE 2 :

Donne les formules permettant de calculer les périmètres P des figures :

			
P :=	P :=	P :=	P :=

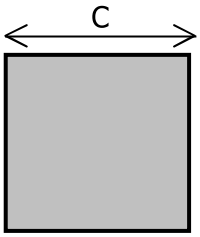
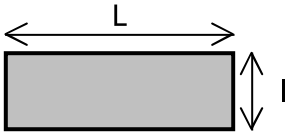
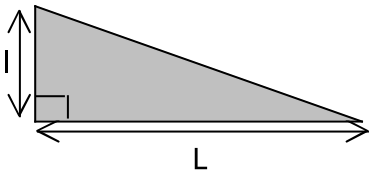
EXERCICE 3 :

Convertis :

5,2 m^2 =	cm^2	154200 mm^2 =	dm^2
872 dam^2 =	km^2	12 km^2 =	m^2
78,2 cm^2 =	m^2	0,12 cm^2 =	mm^2
7 dam^2 =	dm^2	1525 a =	ha
2500 m^2 =	a	5 ha =	m^2

EXERCICE 4 :

Donne les formules permettant de calculer les aires A des figures :

		
A =	A =	A =

corrigé

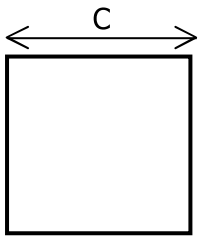
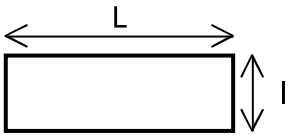
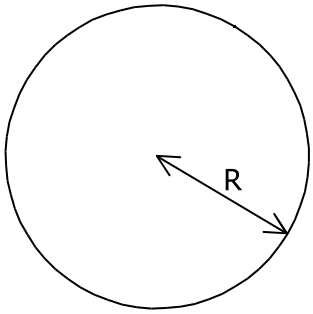
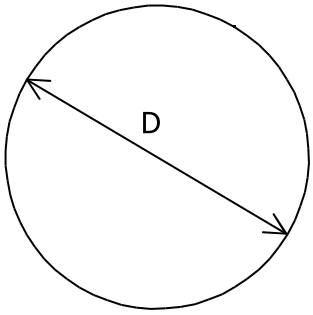
EXERCICE 1 :

Convertis :

8 km = **8 000 m**	650 000 cm = **65 hm**
7,5 m = **7 500 mm**	0,05 km = **50 m**
98,2 hm = **98 200 dm**	7,25 km = **725 000 cm**
2 m = **0,002 km**	7 mm = **0,000 07 hm**
3000 cm = **0,03 km**	20 m = **2 dam**

EXERCICE 2 :

Donne les formules permettant de calculer les périmètres P des figures :

			
P := **4 × C**	P := **2×(L + l)**	P := **2 × π × R**	P := **π × D**

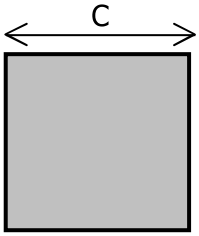
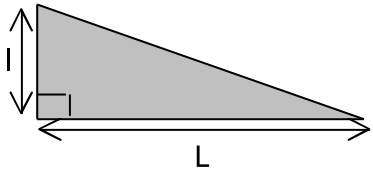
EXERCICE 3 :

Convertis :

5,2 m^2 = **52 000 cm^2**	154200 mm^2 = **15,42 dm^2**
872 dam^2 = **0,087 2 km^2**	12 km^2 = **12 000 000 m^2**
78,2 cm^2 = **0,007 82 m^2**	0,12 cm^2 = **12 mm^2**
7 dam^2 = **70 000 dm^2**	1525 a = **15,25 ha**
2500 m^2 = **25 a**	5 ha = **50 000 m^2**

EXERCICE 4 :

Donne les formules permettant de calculer les aires A des figures :

		
A = **C × C**	A = **L × l**	A = **(L × l) : 2**