



```
# -*- coding: utf-8 -*-  
"""
```

```
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"""
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```
""""RESOLUTION 1""""
```

```
from abc import ABCMeta, abstractmethod #importation du module abc qui gère les  
classes abstraites
```

```
from math import pi, sqrt #importation des fonctions pi et sqrt depuis math
```

```
class Geo_Form(metaclass = ABCMeta): #definition de la classe mère
```

```
    @abstractmethod #mention d'appel pour rendre la methode abstraite
```

```
    def perimetre(): #methode abstraite pour perimetre sans retour
```

```
        pass
```

```
    @abstractmethod
```

```
    def surface():
```

```
        pass
```

```
    def decris_toi(self): #methode de la description complete d'une figure
```

```
        print("Pour la figure {}\nPerimetre : {}\nSurface : {}".format(self.nomF,
```

```
self.perimetre(), self.surface()))
```