

09/2021

Interrogation 02

Écris $(1\ 0111\ 1011)_2$ en base 10 en exposant les calculs.

This image shows a full page of blank graph paper. The grid consists of small squares formed by thin, light blue horizontal and vertical lines. There are 20 columns and 20 rows of squares, creating a uniform background for drawing or writing.

Écris **356** en base 2 en exposant les calculs.

[illegible]

Qu'affiche chacun des scripts suivants?

Code Python

```
login = 'treizelettres'  
print(login[:2])
```

- ☐ a. 'es'
- ☐ b. 'eizelettres'
- ☐ c. 'tr'

Code Python

```
a = 5  
b = 7  
print(a > 7 or b < 2)
```

- ☐ a. True
- ☐ b. False
- ☐ c. Il génère une erreur

Code Python

```
a = 2  
print(a == 2 and a != 2)
```

- ☐ a. True
- ☐ b. False
- ☐ c. Il génère une erreur

Code Python

```
a = 2  
b = 3  
if a > 3:  
    b = b - 7  
if b > 0:  
    b = b + 1  
print(b)
```

- ☐ a. 3
- ☐ b. 4
- ☐ c. -3

Code Python

```
a = 5  
b = 8  
if a == 5 or b == 6:  
    b = b - 2  
b = b - 1  
print(b)
```

- ☐ a. 8
- ☐ b. 5
- ☐ c. rien

Code Python

```
a = 2  
b = 12  
if a == 2 and b == 10:  
    b = b + 2  
    a = a + 1  
print(a)
```

- ☐ a. 2
- ☐ b. 3
- ☐ c. Rien

Code Python

```
prenom = 'Marguerite'  
if prenom[0] == 'K':  
    corr = 0  
elif prenom[1] == 'a':  
    corr = 1  
else:  
    corr = -1  
print(corr)
```

- ☐ a. 0
- ☐ b. 1
- ☐ c. -1

Code Python

```
a = 30
b = 10
if a > 40 and b > 5:
    b = b + 10
elif a > 20 and b < 5:
    b = b + 20
elif a > 10 and b > 2:
    b = b + 30
print(b)
```

- ☐ a. 40
- ☐ b. 10
- ☐ c. 30