Mathematical Operations Quiz

Quiz 3 | 3 questions

We've covered a lot of mathematical operations you can do with Python. e.g. round(), floor division //, PEMDAS etc. This quiz is going to check to see if you can use all these concepts correctly.

> ✔ **Good job!**
> You got it!

Question 1:

You are a computer. What will this line of code print?

```
print(6 + 4 / 2 - (1 * 2))
```

○ 3

◉ 6.0

○ 8.0

○ 5

> ✔ **Good job!**
> int("5") is 5, int(2.7) is 2, so the code becomes: a = 5 ÷ 2 which equals 2.5, which is a float.

Question 2:

What is the data type of the result of the variable a in the following line of code:

```
a = int("5") / int(2.7)
```

○ int

◉ float

○ str

○ bool

Question 3:

Which of these lines of code will give you an error?

○
```
1   name = input("What is your name?")
2   print(f"Hello, {name}")
```

○
```
1   name = input("What is your name?")
2   print("Hello, " + name)
```

○
```
1   age = 12
2   print(f"You are {age} years old")
```

◉
```
1   age = 12
2   print("You are " + age + " years old")
```