

QUIZ

What is the correct way to declare an *integer* named `age`?

```
#include <iostream>
```

```
int main() {
```

`int`

`age`

`;`

```
}
```



You got it!

What would the output be for this piece of code?

```
int player_level = 0;
```

```
player_level = 3 + 4;
```

```
cout << "Player Level: " << player_level << "\n";
```

Player Level: 7



Correct!

In this declaration and initialization, what is the variable name?

```
int year = 2020;
```

=

year



Correct! `year` is the name of the variable being declared here.

What value will be stored in the variable `division`?

```
division = 24 / 8;
```

16

3



Correct! $24 \div 8 = 3$

What are variables used for in C++?

For the program to be used across different platforms.

For documenting code.

For storing data.



Yes! Variables can hold data such as integers (`int`), floating-point numbers (`double`), etc.

What is the data type of `x`?

```
bool x = false;
```

`double`

`string`

`int`

`bool`



Correct! Boolean values can hold either `true` or `false`.

What does `cin` do?

`cin`, which stands for “character input”, is used to read inputs from the keyboard.



Correct!

`cin` is used to output to the console.

It is used to write a comment in C++.