

Sharpen your pencil

Take out your pencil and put some more Boolean expressions through their paces. For each expression below, compute its value and write in your answer.

`age > 5 and age < 10`

When age is 6, what does this evaluate to? True

When age is 11, what does this evaluate to? False

When age is 5, what does this evaluate to? False

`age > 5 or age == 3`

When age is 6, what does this evaluate to? True

When age is 2, what does this evaluate to? False

When age is 3, what does this evaluate to? True

Notice we added parens here, which makes this more readable.

`not (age > 5)`

When age is 6, what does this evaluate to? False

When age is 2, what does this evaluate to? True