

Problem Wk.1.1.4: Mixed-type Expressions

For each of the expressions below, specify its type and value.

1. $3 + 5.0$
noneType
int
float
boolean

2. $5 / 2$

3. $5 / 2 == 5 / 2.0$

4. $5 / 2.0$

5. `round(2.6)`

6. `int(2.6)`

7. `math.floor(2.6)`

Note: this involves calling a function `floor` from the `math` module. We'll explain later what this means in detail. For now, you can just use the fact that it returns the greatest whole number less than the argument; but the type is a float.

8. $2.0 + 5.0$

9. $5 * 2 == 5.0 * 2.0$

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