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. $5 / 2$
   noneType

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

4. $5 / 2.0$
   noneType

5. round(2.6)
   noneType

6. int(2.6)
   noneType

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.
   noneType

8. $2.0 + 5.0$
   noneType

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

This problem contains one or more multiple-choice questions. When a given set of choices is used for the first time, all choices are displayed. If there are several related questions, you can assume that the same choices are available for all questions.