Clicker Questions
for
L04: Getting Started with Python

Questions for 2017-01-17
Q1: Arithmetic Operations

What is the value assigned to var by the following statement?

\[ \text{var} = 20 - 6 \times 3 / 2 + 3 / 2 \times 5 \]

A. 18.5
B. 60
C. 60.0
D. 18
E. None of the above.
Q2: Arithmetic Operations

What is the value assigned to var by the following statement?

\[ \text{var} = (10 - 6) \times 3.0 / 2 + 3 / 2.0 \times 4 \]

A. 18.5
B. 12
C. 3.75
D. 12.0
E. None of the above.
Q3: What is the Python Equivalent?

What Python code is equivalent to the following Scratch block (assume that all necessary variables have been created):

A. `valine_ct = 3`
B. `valine_ct = "3"`
C. `valine_ct + 3`
D. `valine_ct += 3`
E. `valine_ct += "3"`
Q4: What is the Python Equivalent?

- Suppose distance, time and speed are as shown on the box to the right. What are is the correct simplified model after executing:

```python
distance += speed * time
```

A. speed → 8
   time → 10
   distance → 8

B. speed → 8
   time → 100
   distance → 8

C. speed → 8
   time → 80
   distance → 20

D. speed → 8
   time → 10
   distance → 100

E. speed → 8
   time → 10
   distance → 280

<table>
<thead>
<tr>
<th>speed</th>
<th>time</th>
<th>distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>10</td>
<td>20</td>
</tr>
</tbody>
</table>