

Testing Understanding #5

Name _____

Date _____

Review

For the if statements below, circle the first (true-or-false) input to if and underline the second (list-to-run) input to if.

```
if touching? "t1" "t2" [ask "t1" setshape "sun"]
if xcor > 100 [setsh shape + 1 seth 270]
if colorunder = 40 [clickoff]
```

Words and Lists

I typed the instruction below into the command center.

```
show Hello
```

When I pressed Enter, I saw this error message:

```
I don't know how to Hello
```

Why?

What would I type into the command center to show the word Hello?

What do I use as input to show if I want to show more than one word?

Is a number a word, a list, or neither?

In the question below, use constants for the answers.

Write two words I might be able to use as input to `touching`?

Write a list I could use as input to `setpos`.

Write a list I could use as the second input to `if`.

Write a word I could use as the first input to `if`.

The following questions refer to this list:

```
[[cherry vanilla] mango [root beer swirl]]
```

How many members does the list have?

What is the first member?

What is the second member?

What is the last member?

Procedures

The following questions refer to the procedures below.

```
to circle
  repeat 360 [fd 1 rt 1]
end
```

```
to square :x
  op product :x :x
end
```

Is `circle` a command or a reporter? How can you tell?

Does `circle` need inputs? If so, how many and what kind?

Is `square` a command or a reporter? How can you tell?

Does `square` need inputs? If so, how many and what kind?

What happens when the `circle` procedure is invoked?

What happens when the `square` procedure is invoked?