Lesson 5.6: Assessment Exercises

Objectives

After completing this lesson, students will:
- ❖ Have an understanding of how much they learned and understood during Unit 5

Agenda

1. Student Activity: Assessment Puzzles — 30 mins
2. Class Activity: Review Answers — 20 mins

Preparation

- ❏ Print student activity worksheet (one per student)
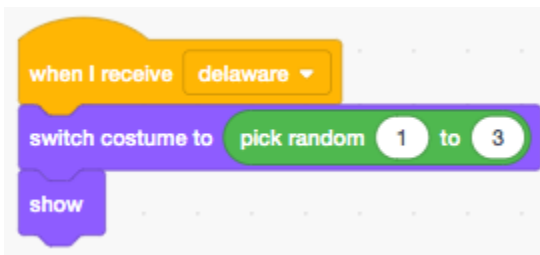
Resources & Links

- ❏ None

Student Activity: Check Your Knowledge
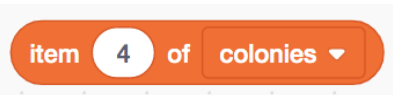
1. Circle all blocks that return a boolean.
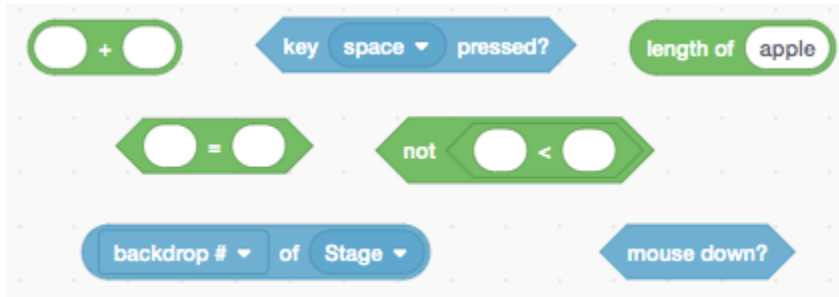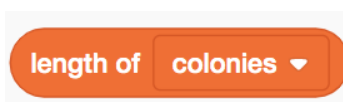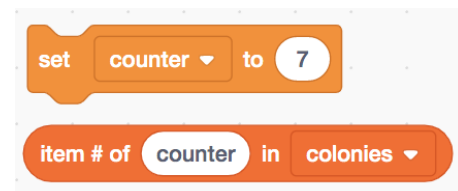

2. What does this script do?

3. Given this Scratch list, what do these scratch blocks return?

a) **item 4 of colonies** _____

b) **length of colonies** _____

c) **set counter to 7**

item # of counter in colonies _____
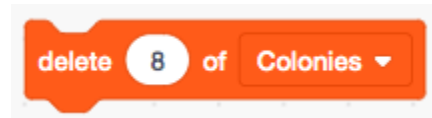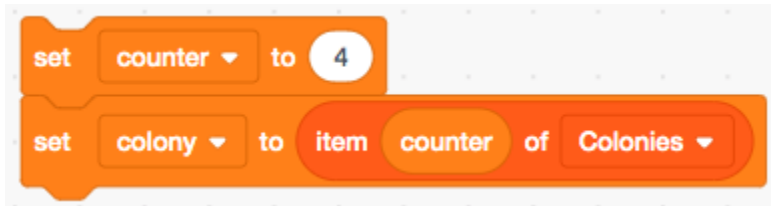
d)
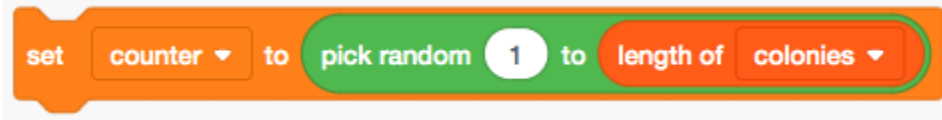
What value will be assigned to *counter* ? _____

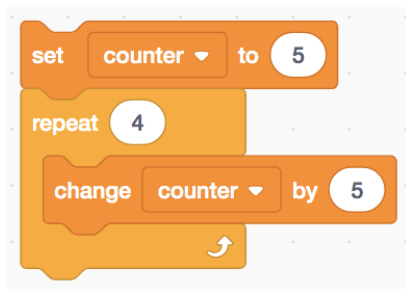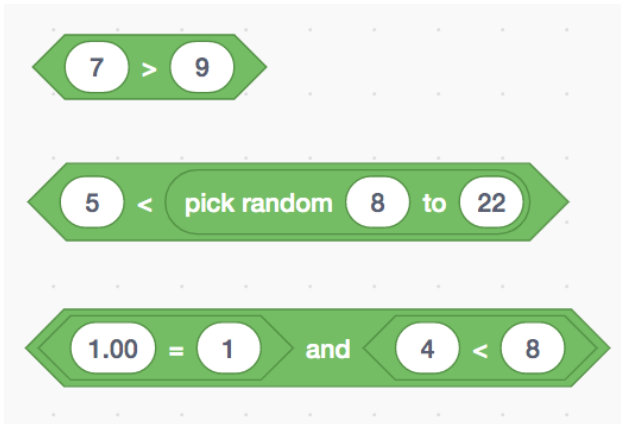e) Which item will this block delete from the list?

_____

f)

What value is assigned to "**colony**"? _____

4. What will be the value of "**counter**" at the end of this script?

5. What is the value returned by the following blocks?

```
7 > 9
```
_____

```
5 < pick random 8 to 22
```
_____

```
1.00 = 1  and  4 < 8
```
_____