

What is the output of each of the following Python commands?

1.

```
(25 + 70) * 8 / 16 - 23
```

- (a) 24.5
- (b) -108.57
- (c) -2137.5
- (d) 576

2.

```
print('Pineapple on pizza is great!' * 2 + '\n' + 'You\'re probably disagreeing!')
```

- (a) Pineapple on pizza is great! Pineapple on pizza is great! You're probably disagreeing!
- (b) Pineapple on pizza is great! You're probably disagreeing!
- (c) Pineapple on pizza is great!Pineapple on pizza is great! You're probably disagreeing!
- (d) Pineapple on pizza is great! You're probably disagreeing!

3.

```
x = ['apple', 'orange', 'banana']  
y = [101, 202, 101]  
print(x + y)
```

- (a) ['apple', 101, 'orange', 202, 'banana', 101]
- (b) [['apple', 'orange', 'banana'], [101, 202, 101]]
- (c) ['apple', 'orange', 'banana', 101, 202, 101]
- (d) ['apple101', 'orange202', 'banana101']

4.

```
my_list = [42, 35, 42]
my_list[-2] = 55
print(my_list)
```

- (a) [42, 35, 42]
- (b) [42, 35, 55, 42]
- (c) [42, 55, 42]
- (d) Error

5. Circle the error:

```
my_string = 'I love pancakes!'
my_char = my_string[1]
print(my_string[4:16])
```

6. Which of the following types can be stored in a list? Select all that apply.

- (a) int
- (b) string
- (c) list
- (d) float

7. What is the output of the following program?

```
words = ['Los', 'Angeles', 'is', 'a', 'city', 'of', 'angels']
sentence = words[0] + ' ' + words[1] + ' ' + words[4]

print(sentence)
```
