

CSE 160 Section 1 Solutions

1. Solutions appear below:

- a. 42 integer
- b. 72.333 float
- c. 10.0 float
- d. True bool (or truth value)
- e. True bool (or truth value)
- f. False bool (or truth value)
- g. "May the force be with you." string
- h. True bool (or truth value)

2. Possible solutions appear below:

- a. `range(4)` or `range(0, 4, 1)`
- b. `range(-4, 1)` or `range(-4, 1, 1)`
- c. `[0, 2, 4, 6, 8]`
- d. `[2, 5, 8]`
- e. `range(25, -1, -5)`
- f. `[1000, 900, 800, 700, 600, 500, 400, 300, 200, 100, 0]`

3. The output appears below:

```
2
12
30
```

4. Possible solutions appear below:

- a.

```
for value in [8, 9, 10, 11, 12]:
    print 3 * value
```
- b.

```
for value in range(24, 37, 3):
    print value
```

5. The output appears below:

```
2
3
4
3
4
5
4
5
6
```

6. The output appears below:

```
18
```