1 Question E2.2

• Example 1:

```
input : v = [1, 2, 1, 5, 2], n = 2
output : The new vector is: [-1, 1, -1, -1, 1]
```

• Example 2:

```
input : v = [1, 2], n = 3
output : The new vector is: [-1, -1]
```

• Example 3:

```
input : v = [5, 5, 5, 5, 5], n = 5
output : The new vector is: [1, 1, 1, 1, 1]
```

2 Question E2.3

• Example 1:

```
input : w = [2, 1, 30], x = [3, 4]
output : The sign dot is 1
```

• Example 2:

```
input : w = [50, 10, 20], x = [-4, -6]
output : The sign dot is -1
```

• Example 3:

```
input : w = [1, 2, 3], x = [-3, -2]
output : The new vector is: [1, 1, 1, 1, 1]
```

3 Question E2.4

 \bullet Example 1:

• Example 2:

• Example 3:

4 Question E2.4

output : (first part)

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output : (second part)

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