

Question 1:

2

Question 2:

```
int[] quantities = new int[20];
```

Question 3:

```
double[] heights = {1.65, 2.15, 4.95};
```

Question 4:

```
for (int i; grades) {  
    System.out.print(i + " ");  
}
```

Question 6:

When passing the entire array to an element, the input type for the method must include the [] so that the array is passed into another array, when passing only one element of the array, the element must be specified when running the input code but otherwise it is very similar to passing any other variable to a method.

Question 7:

Offset indexes are required in the case when an array is organized, with each index space meant to house information related to something specific(Seen in CountLetters skillbuilder), because of this, simply storing the data into the first available spot and then increasing the index value won't work, and you need an offset to determine exactly where the information needs to go.

Question 8:

i