

1. It would be [0] [2]
2. `Int[]quantities;`  
`quantities = new int[20]`

3. `ArrayList double height = new ArrayList Double();`  
`Numbers.add(1.65)`  
`Numbers.add(2.15)`  
`Numbers.add(4.95)`

4. `for (String i : grades) { System.out.println(i)}`

6. Passing the entire array allows for the mottos to call certain values while passing one only gives a single value.

7. It moves the starting point which is needed in some programming cases

8. The output is "i"