

1. The index value is 2
2. `Int[] quantities = new`
`Int[20];`
3. `Double[] heights = {1.65, 2.15, 4.95};`
4. `For (int grades : grades) {`
 `System.out.println(grade);`
`}`
6. Passing an array gives the method access to the entire collection of elements while passing a single element only gives access to that specific element
7. Offset indexes are used when calculations or adjustments are needed to refer a specific position in the array like skipping the first couple elements
8. Output is: i