

Classify each of the following hash codes as Invalid, Valid & Not Good, or Valid & Good * 6 points

```
class Pizza {
    int price;
    int size;

    ...

    @Override
    public boolean equals(Object o) {
        if (o instanceof Pizza other) {
            return this.size == other.size;
        }
    }

    // Option 1
    int hashCode() { return price; }

    // Option 2
    int hashCode() { return size; }

    // Option 3
    int hashCode() {
        if (size % 2 == 0) {
            return 12;
        } else {
            return 13;
        }
    }
}
```

	Invalid	Valid & Not Good	Valid & Good
Option 1	☐	☐	☐
Option 2	☐	☐	☐
Option 3	☐	☐	☐

