Explanation

Correct

The following command provides the correct answer

```
> zrangebyscore hw1-8 (3 +inf
1) "d"
2) "e"
3) "f"
```

ZRANGEBYSCORE returns values based on the score of the member. The parens symbol "(" indicates an exclusive range, which meets the requirements of greater than 3.

Wrong

The following answers are incorrect.

```
> zrange hw1-8 3 -1
1) "d"
2) "e"
3) "f"
```

ZRANGE returns values based on position and not by score. So this returns the correct results, but will return incorrect values if members are added or removed from the Sorted Set or the scores of members are changed.

```
> zrange hw1-8 4 6
1) "e"
2) "f"
```

Not only does this ZRANGE return the incorrect results now but it will continue to do so as the contents of the sorted set change, because ZRANGE is by position and not by score.

```
zrangebyscore hw1-8 (3 6
1) "d"
2) "e"
3) "f"
```

Since the upperbound is defined as 6, then this command will not return members with a Score greater than 6. To avoid this, "+inf" should have been used as the upper bound.