# Football Scores

Published by **Matt** in **Java** ▾

complete     **algorithms**     **numbers**     **recursion**

Scoring plays in American football count as either 2, 3, 6, 7, or 8 points. Write a function that has as it's argument a football score and returns the number of possible ways that score can be achieved. Order is not important.

## Examples

```
football(4) ➞ 1
// 2+2

football(6) ➞ 3
// 2+2+2 or 3+3 or 6

football(7) ➞ 2
// 2+2+3 or 7

football(9) ➞ 4
// 2+2+2+3 or 3+3+3 or 3+6 or 7+2
```

## Notes

N/A

SUGGEST EDIT

```java
import org.junit.Test;
import static org.junit.Asser

public class ChallengeTests
  @Test
  public void test1() {
    assertEquals(1, Challeng
  }

  @Test
  public void test2() {
    assertEquals(0, Challeng
  }

  @Test
  public void test3() {
    public void test3() {
```

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