



## Problem Solving Continued....

### CHALLENGE **A**

A rugby team have scored over the season 55 tries, 35 conversions, 48 penalties and 5 drop kicks. The points are 5 for a try, 3 for a penalty and a drop kick, 2 for a conversion. Calculate and display the total points for each category and for the season.

Season try points (5): 275

Season drop kick points(3): 15

Season conversion points (3): 70

Season penalty points (2): 144

Total season points: 504

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### CHALLENGE **B** Extension

A family has spent the afternoon picking berries, and will be charged by the total weight at the rate of £2.25 per kg. They have picked 9 buckets, 13 boxes and 14 punnets. Calculate and display the total charge. You have been given the following information for your calculations:

The punnet weight is 3.5, the box weight is 19.5, the bucket weight is 63 and the total berry weight is 86.0 kg.

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### CHALLENGE **C**

For each of the following problems, design and code a solution which produces the output shown for the values suggested.

I have £66.00 to buy lunch for 12 people. How much can each person spend?

I have £67.00 to buy lunch for 12 people. How much can each person spend?