2 Star
Profit Challenge

This week as part of your Maths Challenge we'd like you to price up the costs of running a food stall during a school fayre. You'll need to work out the total costs of your goods and work out a re-sale price for each item in order to make **close to £200 profit.**

These are the items you will be selling:

Warburtons hot dog rolls (6 pack)
Herta Classic Frankfurter Hot Dogs 10 Pack 350G
Birdseye 4 original beef quarter pounders 454G
Warburtons White Sliced Sandwich Rolls 12 Pack
Heinz Tomato Ketchup 570g
French's American Classic Yellow Mustard 226G

You can find the price of these items on www.Tesco.com

You need to buy enough of the above items so that you have **100** hot dog rolls, **100** hot dogs, **100** burgers, **100** sandwich rolls (for the burgers), **10** bottles of ketchup, and **5** bottles of mustard.

You'll need to think carefully about the quantity of each of your items. For example, you need 100 hot dog rolls not 100 packs. So you'd only need to buy 17 packs. Think carefully about how many packs of each item you will have to buy. Remember! It's better to have too much of a product than not enough.

Work out the **total cost** to purchase all the goods for your food stall.

Think carefully about how much you charge for each hot dog and burger. Will you charge £3.50 per hotdog and £2.10 for a burger? Will that make you enough profit? You might have to use a bit or trial and error to find amount to charge for your products. You're aiming to make about **£200 profit**.

Remember the profit is what you have **left over after** you have paid for the food.