

Planning a family picnic

Scenario

Simon's family asked him to plan a meal for their Sunday family picnic. There are five members in the family. Simon prepared a list of items he wanted to purchase for the meal.

- 1 bag of Doritos
- 2 x 1.5 litres of Coke
- 1 packet of 6 dinner rolls - a pack of 6
- 1 chocolate cake
- 500g. butter
- 6 sausage rolls
- 200g. cheerios

Instructions:

1. Categorise each item on Simon's list as a "want" or a "need" and list them under the appropriate headings.
2. Discuss your reasons for how you categorised each item with a partner.

Needs	Wants

Justification:

Simon has a budget of \$30 for the picnic meal. He needs to add the total costs of the items he has chosen. He uses an online supermarket website to find out the costs.

Instructions:

1. Complete this table for the items on Simon's picnic list.
2. Find the the total cost of all the items.
3. Check to see if a choice of different brands of the same product could reduce the total cost.

Product	Price (\$)	Brand or make	Why did you select over other options?

4. Can Simon cater for the family picnic within his budget? Justify your answer by writing clear mathematical statements.

Justification:

Extension activity

Examine how different brand choices can affect the prices of products. Show your understanding by writing clear mathematical statements using your knowledge of percentages.

Simon realises he needs to change some of his choices to stay within his budget. What items would you suggest Simon changes and what new choices could he make?

Analyse and evaluate his choices based on needs rather than wants, with the aim of staying within his \$30 budget. Remember that his choices need to feed 5 people.

Justify your answer by writing clear mathematical statements.

Justification:

Reflection

Using the [mathematics rubric](#) answer the questions below:

I think my work at the moment is at level _____ for financial capability and I think my work at the moment is at level _____ for mathematics.

This is because....

The peer I have chosen to critique my work is _____

They critiqued my work and have judged it to be at level _____

The reasons they gave me for their decision are

Therefore my next steps to refine my work and make it better are...