Shop Receipt Maths Trail

Ask a parent to give you a copy of a receipt that he or she got recently when they were shopping.

Use the receipt to answer the following questions.

1. Where did the person go shopping? What type of shop would you call this? e.g. supermarket, hardware store, clothing store…

2. What day did they go shopping on? How do you know this?

3. What time did they go shopping at? How do you know this?

4. Who served them?

5. How many items did they buy?

6. How much did they spend in total?

7. Which item was the most expensive?

8. Which item was the cheapest?

9. What was the difference in price between the dearest and cheapest item on the receipt? Explain how you got your answer.

10. If the person was to buy the same items each day for a fortnight, how much would they spend in the shop in total? Write a mathematical sentence using words or symbols to show how you got your answer.

11. Which denominations of cash or coins (20 euro note, 5 euro note, 20 cent coin etc) could have been used to buy the items on the receipt? Give three examples.

12. Which denominations of cash or coins would be the most efficient when paying for the items? (which would you need the least amount of – for example if the bill is 50 euro its easier to pay with a 50 than with two 20s and a 10)