

Thursday 5th November 2020
Maths – word problems
Challenge 2

Word Problems

Use a formal method to calculate the answers to these questions.

1. There are 77 biscuits in a packet. A supermarket orders 9778 packets. How many biscuits will be in the 9778 packets?
2. A school supplier buys 5540 boxes of pencils. Each box has 56 pencils. How many pencils has the supplier bought?
3. A wholesaler sells pineapples for 96p each. The wholesaler sells 3990 pineapples in one week. How much money will the wholesaler receive for the pineapples?
4. It takes 78 hours for a satellite to go around the Earth. How many hours will it take for the satellite to go around the Earth 9859 times?
5. A machine makes 8521 dice in a week. In a 52-week working year, how many dice are made in a year?
6. A cinema chain has 28 cinemas. The average weekly attendance is 9828 people. What is the total attendance across the whole chain?
7. Sacks of potatoes contain an average of 95 potatoes. In a year, a farmer sells 4911 sacks. How many potatoes does she sell in one year?
8. A crate of screws contains 5193 nails. A DIY chain orders 52 crates for all its stores. How many nails are in the 52 crates?
9. There are 43 children in year 6. Each child pays £75.60 for a school trip. How much do they pay altogether?
10. A rugby club has an average attendance of 6962 people to each match. What is the total attendance for the 39 matches played in a season?