

Word Problems

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

1. There are 17 biscuits in a packet and 3 packets in a box. A supermarket orders 15 379 boxes. How many biscuits will be in the 15 379 boxes?
2. A factory makes nine crates of 38628 pencils on each of the five working days of the week. How many pencils are made each week?
3. A wholesaler sells mangoes for 84p each. The wholesaler sells 13 330 mangoes in one week. How much money will the wholesaler receive for the mangoes?
4. It takes one hour less than 2 days for a satellite to go around the Earth. How many hours will it take for the satellite to go around the Earth 23 988 times? Calculate how many days and how many weeks this will be. Estimate the number of years this will be to the nearest year.
5. A machine makes 60 802 bottle tops in a week. In a 52-week working year, how many bottle tops are made in a year?
6. A cinema has an average weekly attendance of 24 356 people. The average ticket sales are £5 per ticket. What is the total income in a 13-week quarterly period?
7. Bags of potatoes contains an average of 33 potatoes. In a year, a farmer sells 58 716 bags. How many potatoes does she sell in one year?
8. A factory makes 63 957 nails each day. How many nails are made in January and February 2017, when the factory is open every day?
9. There are 22 children on a school visit to France. Each child pays £333.18 for the school visit. How much do they pay altogether?
10. A football club has an average attendance of 37 834 people to each match. What is the total attendance for the 28 matches played in a season?