Word Problems

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

1. A farmer has 2544 eggs. He needs to store them in boxes of 24. How many boxes will he fill?

2. A school buys 3782 pencils for its pupils. There are 31 classes. How many pencils will each class receive?

3. A man ran 98 miles in 1764 minutes. On average, how long does it take him to run a mile?

4. A toy factory produces 1984 toys a day. There are 31 machines making the toys. How many toys does each machine produce?

5. There are 1710 pupils in 45 classes in Smithdown Primary School. On average, how many pupils are in each class.

6. A lorry contains 8316 sweets. A bag of sweets contains 42 sweets. How many bags of sweets are there?

7. A local football club's full attendance equals 6368 people. If there are 32 rows of seats in the stadium, how many people sit in each row?

8. A local charity has raised £7850. They want to share this money between 25 good causes. How much will each of the good causes receive?

9. A cinema, when full, holds 6572 people. If 53 people can sit in each row, how many rows are there?

10. After selling all of his grapefruits, a greengrocer's takings are £89.10. Each grapefruit costs 54p. How many grapefruits did he sell?