

04.12.20

L.O: To multiply

1. What is the value of the digit 9 in 359,478

2. Round 351,945 to the nearest 100,000

3. $11^2 =$

4. Is 3 a factor of 15? Why?

1. What is the value of the digit 9 in 359,478 9,000

2. Round 351,945 to the nearest 100,000 400,000

3. $11^2 =$ 121

4. Is 3 a factor of 15? Why?

Yes, because 15 can be divided by 3

A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

a) How many boxes will it make in 12 days?

I do

$$12 \times 3 = 36$$

$$\begin{array}{r} 2734 \\ \times 36 \\ \hline 16404 \\ 82020 \\ \hline 2 \quad + \quad + \\ 4 \quad 2 \quad 2 \\ \hline 98,424 \end{array}$$

1a. Dennis is thinking of a number. He gives the following clues:



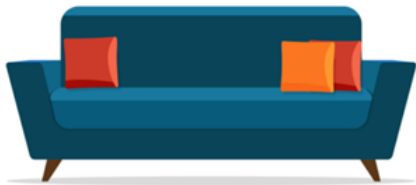
It is an even 5-digit number.
It is the result of multiplying a
4-digit number by 12.
The 4-digit number has a digit
sum of 5.

What is the smallest number Dennis could be thinking of?

We do

3a. A sofa costs £1,213.

12 families buy a sofa each. The furniture salesperson says the total cost is £15,556.



Is he correct? Explain your answer.

You Do

3b. A car costs £3,422.

11 families buy a car each. The car salesperson says the total cost is £37,642.



Is she correct? Explain your answer.

6a. A TV package costs £1,419 per house.

23 houses on Brook Street buy this package. The TV salesperson says the total cost is £32,607.



Is he correct? Explain your answer.

You Do

6b. A new kitchen costs £3,006 per house.

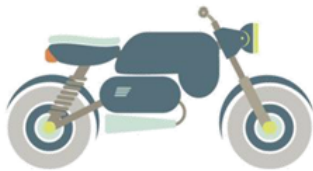
13 houses on Mitchell Terrace buy a new kitchen. The builder says the total cost is £39,068.



Is she correct? Explain your answer.

9a. A motorbike costs £6,259.

The motorbike sales person says he would need to sell between 80 and 85 motorbikes to reach his target of £600,000.



Is he correct? Explain your answer.

You Do

9b. Holidays to New Zealand cost £4,729.

The travel company says they would need to sell between 40 and 45 flights to reach their target of £200,000.



Are they correct? Explain your answer?

4b. Chloe is thinking of a number. She gives the following clues:



It is an odd 6-digit number.
It is the result of multiplying a
4-digit number by 51.
The 4-digit number has a digit
sum of 4.

What is the smallest number Chloe could be thinking of?

You Do