

6th class Math Group Work- Ms. Sheridan

Week: Monday 25th May-29th May

Hello girls,

I hope everyone is doing well and keeping safe. I have attached below a list of daily work for you to complete over the next week if you can. Just try your best. If you get stuck, please don't worry just move on to the next question.

I am really looking forward to seeing everyone again 😊

See you soon,

Ms. Sheridan

Monday

- Maths Challenge – 1 per day. Continue on from where you have stopped.
- Tables- Multiplication and Division – x12
If possible, play this game to revise your 12 times tables.
<https://www.timestables.com/12-times-table.html>

Division

We are going to continue on this week with our work on long division. Have a go at the question below 😊 (If you are having difficulty, take a look back over the work we did last week.

B Answer the questions.

1. The principal spent €481.78 on 26 new footballs. What was the average cost of each football?
2. A newsagent spent €174.60 on 36 magazines. What was the average cost of each magazine?
3. A restaurant bought 95 new plates for €441.75. What was the average cost of each plate?

Tuesday

- Maths Challenge – 1 per day. Continue on from where you have stopped.
- Tables- Multiplication and Division – x12

If possible, play this game to revise your 12 times tables.

<https://www.timestables.com/12-times-table.html>

C Divide.

1. (a) $6.46 \div 34 = \underline{\quad}$ (b) $27.52 \div 86 = \underline{\quad}$ (c) $9.99 \div 27 = \underline{\quad}$ (d) $21.01 \div 55 = \underline{\quad}$
 2. (a) $18.04 \div 22 = \underline{\quad}$ (b) $27.28 \div 62 = \underline{\quad}$ (c) $86.4 \div 32 = \underline{\quad}$ (d) $93.1 \div 49 = \underline{\quad}$
 3. (a) $14.06 \div 38 = \underline{\quad}$ (b) $71.4 \div 17 = \underline{\quad}$ (c) $13.53 \div 41 = \underline{\quad}$ (d) $30.846 \div 53 = \underline{\quad}$
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Wednesday

- Maths Challenge – 1 per day. Continue on from where you have stopped.
- Tables- Multiplication and Division – x12.

If possible, play this game to revise your times tables.

<https://www.timestables.co.uk/times-tables-memory.html>

Read the word problems below carefully girls and then use your long division skills we revised above to answer them 😊

D Answer the questions.

1. The bowling alley replaced **84** identical pairs of bowling shoes for **€2,755.20**. **How much did each pair of shoes cost?**
2. If a car uses **1 litre** of petrol for every **13km** travelled, **how many litres of petrol will it use if it travels 1,904.76km?**
3. A Christmas party costs **€751.04** for **32** people. **What was the cost per person?**
4. The product of **57** and a certain number gives **133.38**. **What is that number?**



Thursday

- Maths Challenge – 1 per day. Continue on from where you have stopped.
- Tables- Multiplication and Division – x12.

If possible, play this game to revise your 12 times tables.

A Investigation. The Chinese restaurant



Calculator work.

	Meal A for 2 people	Meal B for 3 people	Meal C for 4 people	Meal D for 5 people
Total price	€60	€80	€96	€115
Takings	€2,520	€2,720	€2,112	€1,495
Time taken to cook meal	32 minutes	42 minutes	60 minutes	55 minutes

1. How much does each meal deal cost per person?
2. Which menu option offers the best value per person?
3. Which is the most expensive meal per person?
4. Look at the takings earned from each meal option. How many of each meal did the restaurant serve?
5. (a) Which meal takes the least amount of time to cook per person?
(b) Which meal takes the greatest amount of time to cook per person?
6. If the restaurant operates for **10** hours, what is the maximum number of meals it can cook of each meal option?



Friday

- Ask someone at home to test you on your 12 time's tables. Then test them on their tables.

Well done girls on another great week's work 😊 Have a lovely weekend!