

6th class Math Group Work- Ms. Sheridan

Week: 5th May- 8th 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

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>

Have a go at the multiplication questions below:

What do you notice in each of the sums? 😊

A Multiply. What do you notice?

Example: $5 \times 10 = 50$ $5 \times 100 = 500$ $5 \times 1,000 = 5,000$ $5 \times 10,000 = 50,000$

1. (a) $8 \times 10 = \underline{\quad}$ (b) $27 \times 10 = \underline{\quad}$ (c) $563 \times 10 = \underline{\quad}$ (d) $4,627 \times 10 = \underline{\quad}$
2. (a) $8 \times 100 = \underline{\quad}$ (b) $27 \times 100 = \underline{\quad}$ (c) $563 \times 100 = \underline{\quad}$ (d) $4,627 \times 100 = \underline{\quad}$
3. (a) $8 \times 1,000 = \underline{\quad}$ (b) $27 \times 1,000 = \underline{\quad}$ (c) $563 \times 1,000 = \underline{\quad}$ (d) $4,627 \times 1,000 = \underline{\quad}$
4. (a) $8 \times 10,000 = \underline{\quad}$ (b) $27 \times 10,000 = \underline{\quad}$ (c) $563 \times 10,000 = \underline{\quad}$ (d) $4,627 \times 10,000 = \underline{\quad}$

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>

B Now try these.

- (a) $48 \times 100 = \underline{\quad}$ (b) $835 \times 10,000 = \underline{\quad}$ (c) $3,724 \times 10 = \underline{\quad}$
- (a) $23 \times 10,000 = \underline{\quad}$ (b) $6,494 \times 1,000 = \underline{\quad}$ (c) $67 \times 100 = \underline{\quad}$
- (a) $73 \times 1,000 = \underline{\quad}$ (b) $645 \times 100 = \underline{\quad}$ (c) $9,573 \times 1,000 = \underline{\quad}$

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.

<https://www.topmarks.co.uk/maths-games/mental-maths-train>

C Multiply these decimals. What do you notice?**Example**

$$\begin{array}{r} 6.847 \times 10 \\ 6.847 \\ \times 10 \\ \hline 68.470 \end{array}$$

$$6.847 \times 10 = 68.47$$

$$\begin{array}{r} 6.847 \times 100 \\ 6.847 \\ \times 100 \\ \hline 684.700 \end{array}$$

$$6.847 \times 100 = 684.7$$

$$\begin{array}{r} 6.847 \times 1,000 \\ 6.847 \\ \times 1,000 \\ \hline 6,847.000 \end{array}$$

$$6.847 \times 1,000 = 6,847$$



- (a) $7.562 \times 100 = \underline{\quad}$ (b) $9.625 \times 10 = \underline{\quad}$ (c) $5.925 \times 1,000 = \underline{\quad}$
- (a) $56.23 \times 10 = \underline{\quad}$ (b) $23.85 \times 1,000 = \underline{\quad}$ (c) $41.86 \times 100 = \underline{\quad}$
- (a) $364.2 \times 1,000 = \underline{\quad}$ (b) $925.4 \times 10 = \underline{\quad}$ (c) $592.6 \times 100 = \underline{\quad}$

Friday

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

Try these questions below, do not forget to add the decimal point in at the end! 😊

D Now try these.

1. (a) $2.538 \times 10 = \underline{\quad}$ (b) $78.4 \times 10 = \underline{\quad}$ (c) $96.32 \times 10 = \underline{\quad}$
2. (a) $45.584 \times 100 = \underline{\quad}$ (b) $485.72 \times 100 = \underline{\quad}$ (c) $9.475 \times 100 = \underline{\quad}$
3. (a) $745.357 \times 1,000 = \underline{\quad}$ (b) $6.794 \times 1,000 = \underline{\quad}$ (c) $59.47 \times 1,000 = \underline{\quad}$

E Investigation.

This table shows the weekly earnings of 6 friends.



Nina	Jack	Mary	Kathleen	Peter	Betty
€380.64	€295.86	€364.45	€376.39	€395.73	€427.53

1. Calculate their annual salary. Annual means yearly: 52 weeks.
2. What is the difference between the annual earnings of the highest earner and the lowest earner?

Well done girls on another fantastic week's work 😊 You are all doing brilliant, keep it up! Have a lovely weekend!