

6<sup>th</sup> class Math Group Work- Ms. Sheridan

*Week: Tuesday 2<sup>nd</sup> June - 5<sup>th</sup> June*

Hello girls,

I hope everyone had a nice relaxing bank holiday weekend. 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 – x6

If possible, play this game to revise your 6 times tables.

<https://www.timestables.com/6-times-table.html>

This week, we are going to look at division again just to make sure everyone is happy with it before we move on 😊

**Dividing by 10, 100 and 1,000**

To divide by **10**, move all the digits one place to the right.

$$65 \div 10 = 6.5$$

$$3.7 \div 10 = 0.37$$

$$74.2 \div 10 = 7.42$$

To divide by **100**, move all the digits two places to the right.

$$385 \div 100 = 3.85$$

$$74.9 \div 100 = 0.749$$

$$6.28 \div 100 = 0.0628$$

To divide by **1,000**, move all the digits three places to the right.

$$4,927 \div 1,000 = 4.927$$

$$5.2 \div 1,000 = 0.0052$$

$$69.3 \div 1,000 = 0.0693$$

Remember! If there is no decimal point in the number, e.g. 59, write in the decimal point and work from there. 59 is really 59.0!

Division by  
10, 100 &  
1000 😊

**B** Divide by 10, 100 or 1,000.

1. (a)  $279 \div 10 = \underline{\quad}$  (b)  $684.3 \div 100 = \underline{\quad}$  (c)  $5942 \div 1,000 = \underline{\quad}$
2. (a)  $3.835 \div 100 = \underline{\quad}$  (b)  $27.39 \div 1,000 = \underline{\quad}$  (c)  $75.8 \div 10 = \underline{\quad}$
3. (a)  $58.53 \div 1,000 = \underline{\quad}$  (b)  $498 \div 100 = \underline{\quad}$  (c)  $84.3 \div 100 = \underline{\quad}$
4. (a)  $26\text{m} \div 100 = \underline{\quad}$  (b)  $69.4\text{km} \div 10 = \underline{\quad}$  (c)  $4.846\text{m} \div 1,000 = \underline{\quad}$

## Wednesday

- Maths Challenge – 1 per day. Continue on from where you have stopped.
- Tables- Multiplication and Division – x7.

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

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

### B Do it!

1. (a)  $477 \div 3 = \underline{\quad}$  (b)  $16.08 \div 0.67 = \underline{\quad}$  (c)  $129.50 \div 7 = \underline{\quad}$  (d)  $13.5 \div 5 = \underline{\quad}$
2. (a)  $151.2 \div 42 = \underline{\quad}$  (b)  $17.36 \div 28 = \underline{\quad}$  (c)  $91.65 \div 47 = \underline{\quad}$  (d)  $589 \div 62 = \underline{\quad}$
3. (a)  $146.16 \div 4.2 = \underline{\quad}$  (b)  $165.12 \div 9.6 = \underline{\quad}$  (c)  $20.8 \div 26 = \underline{\quad}$  (d)  $4.08 \div 0.48 = \underline{\quad}$
4. (a)  $292.50 \div 13 = \underline{\quad}$  (b)  $115.60 \div 34 = \underline{\quad}$  (c)  $6,858 \div 54 = \underline{\quad}$  (d)  $422.40 \div 64 = \underline{\quad}$

## Thursday

- Maths Challenge – 1 per day. Continue on from where you have stopped.
- Tables- Multiplication and Division – x8.

If possible, play this game to revise your 8 times tables.

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

### C solve it!

1. Martin trains by cycling **437.85km** per week.  
*On average, how many km does he cycle every day?*
2. It costs **€275.65** to hire a bus to bring **37** football supporters to a match. If the cost is to be shared equally, *how much does each supporter have to pay?*
3. If a **5-litre** container of lemonade is poured equally into **20** glasses, *how much lemonade will each glass contain?*
4. Which is better value: a pack of **3** Ranger shirts for **€29.85** or a pack of **2** Ranger shirts for **€20.50?**
5. If I bought both the **three** and **two** pack of Ranger shirts, *what would be the average cost of each shirt?*



## Friday

- Ask someone at home to test you on your 6, 7 & 8 time's tables. Then test them on their tables.

### **D** *Say it!* Fill in the missing words.

1. To divide a decimal number by 1,000, we move the digits three places to the \_\_\_\_\_.
2. When we divide by a 2-digit number we use \_\_\_\_\_ \_\_\_\_\_.
3. To divide means 'to \_\_\_\_\_'.
4. To divide a \_\_\_\_\_ \_\_\_\_\_ by 10, we move the digits one place to the right.
5. If there is no decimal point in the number, we just insert \_\_\_\_\_ after the digits shown, e.g. 49 is really 49.0.

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