

6th class Math Group Work - Ms. Sheridan

Week: Monday 11th May - 15th 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 – x6
- If possible, play this game to revise your 6 times tables.

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

Division

Try the short division questions below girls. We did some of these in class so hopefully this should just be revision 😊

B Divide.

1. (a) $64 \div 4 = \underline{\quad}$ (b) $96 \div 6 = \underline{\quad}$
(c) $154 \div 7 = \underline{\quad}$ (d) $192 \div 8 = \underline{\quad}$
(e) $234 \div 9 = \underline{\quad}$ (f) $175 \div 5 = \underline{\quad}$
2. (a) $1,180 \div 5 = \underline{\quad}$ (b) $1,778 \div 7 = \underline{\quad}$
(c) $1,016 \div 4 = \underline{\quad}$ (d) $4,992 \div 8 = \underline{\quad}$ (e) $2,241 \div 9 = \underline{\quad}$

Example

$$\begin{array}{r} 4 \overline{)536} \\ \underline{134} \\ 134 \end{array} \quad \begin{array}{r} 4 \overline{)8,579} \\ \underline{2,144} \\ 2,144 \end{array} \text{ R3}$$

Remember:
1. Estimate by rounding.
2. Do.
3. Check answer with calculator.

Tuesday

- 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 7 times tables.

<https://www.timestables.com/7-times-table.html>

Read the word problems below carefully girls and then use your short division skills to answer them 😊

- C**
1. A team of **8** friends share the first prize of **€768** equally in a quiz. **How much do they each get?**
 2. **5** salami pizzas weigh a total of **1,625g**. **How much does each pizza weigh?**
 3. **9** friends go out for a meal. The total bill is **€252**. **How much does each person pay if they split the bill equally between them?**
 4. **4** second-hand cars cost **€9,000**. **How much did each car cost if they all cost the same amount?**

Wednesday

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

Today, we are going to move on to long division. We looked over this in class in March but have a look at the below picture to refresh your memory 😊

Follow the steps & take your time! 😊

Long division

When we divide by a two-digit number we use the long division method.

$$\begin{array}{r} 25 \\ 34 \overline{) 850} \\ - 68 \downarrow \\ \hline 170 \\ - 170 \\ \hline 000 \end{array}$$

Ans: 25

$$\begin{array}{r} 14 \\ 46 \overline{) 673} \\ - 46 \downarrow \\ \hline 213 \\ - 184 \\ \hline 29 \end{array}$$

Ans: 14 R 29

The 3 is crossed out and brought down to here.



D Use the long division method. Divide.

1. (a) $176 \div 22$ (b) $210 \div 14$ (c) $240 \div 16$ (d) $357 \div 17$ (e) $256 \div 32$
2. (a) $943 \div 41$ (b) $792 \div 44$ (c) $988 \div 52$ (d) $871 \div 67$ (e) $814 \div 74$

Thursday

- Maths Challenge – 1 per day. Continue on from where you have stopped.
- Tables- Multiplication and Division – x9.
If possible, play this game to revise your 9 times tables.
<https://www.topmarks.co.uk/maths-games/mental-maths-train>

You can have a look back at the example picture given on Wednesday if you like 😊

Continue on with your long division questions below:

3. (a) $503 \div 58$ (b) $472 \div 23$ (c) $708 \div 52$ (d) $514 \div 55$ (e) $396 \div 40$
4. (a) $820 \div 63$ (b) $703 \div 92$ (c) $637 \div 64$ (d) $735 \div 80$ (e) $952 \div 98$

Friday

- Ask someone at home to test you on your 6, 7, 8 & 9 time's tables. Then test them on their tables.

Well done girls on another great week's work 😊 You are all doing so well, keep it up! Have a nice weekend!