ST. PATRICK'S GIRLS NATIONAL SCHOOL
GARDINER'S HILL, CORK

June Week beginning 08/06 Subject: **MATHS GROUP**
Ms. O Sullivan and Ms. Browne 5th class SEN Teachers: Ms. Crosse

Work below is to be carried out over a week. Uncompleted work can carry on to the following week.

<table>
<tr>
<td rowspan="2">week 11

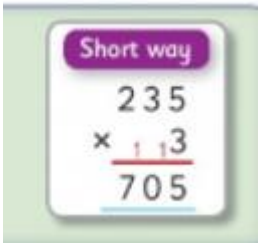
08/06</td>
<td rowspan="2"><u>Multiplication</u>

Revise multiplication facts each day for at least 10 minutes. This link has a variety of games to play to help revise.

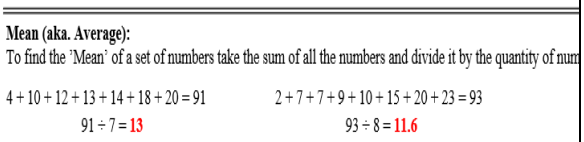
https://www.scoilnet.ie/learning-path/ref/15176/

https://www.topmarks.co.uk/maths-games/hit-the-button

Worksheet 1 (a) Revision of multiplication

Worksheet 1 (b) Revision of 3-digit multiplication</td>
<td>Worksheet 2 Averages

 
Mean (aka. Average):
To find the 'Mean' of a set of numbers take the sum of all the numbers and divide it by the quantity of num
4 + 10 + 12 + 13 + 14 + 18 + 20 = 91 2 + 7 + 7 + 9 + 10 + 15 + 20 + 23 = 93
91 ÷ 7 = 13 93 ÷ 8 = 11.6

Click on the link to learn about averages:

https://youtu.be/K2g0LuqHfD4</td>
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<tr>
<td>Worksheet 4 Time

Match the analog clocks with the digital clocks.</td>
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<td></td>
<td>Worksheet 3 Revision of Division</td>
<td>Worksheet 5 3D Shapes

Click on the link to revise 3D shapes:
3d shapes
https://youtu.be/TdFjzmhAYsw</td>
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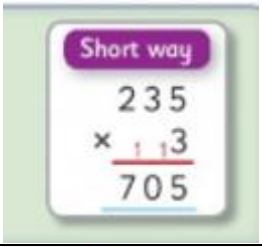
WORKSHEET 1 (a)

Try these and then use your calculator to work out the answer. Remember to carry the ten if one is created!



4. (a) 176 × 8 _____ (b) 439 × 7 _____ (c) 588 × 6 _____ (d) 746 × 9 _____ (e) 631 × 5 _____

5. A multi-storey car park has 8 levels. Each level will hold 315 cars. How many cars can the car park hold? _____

6.  A plane travelling between Kerry and Dublin carries 157 passengers when full. How many passengers are carried on 8 full flights? _____

WORKSHEET 1 (b) LONG MULTIPLICATION

(Use your calculator to check the answers)

3 digit x 2 -digit

- Start with the 908 x 49, remember to carry the tens
- Write down '0' on the second line- while you are multiplying by 4, this '0' means you are really multiplying by 40
- Also remember that anything multiplied by Zero is Zero e.g. 4x0 =0

$$\begin{array}{r} 908 \\ \times \quad 49 \\ \hline 8{,}172 \\ +\,36{,}320 \\ \hline 44{,}492 \end{array}$$

Solve each problem.

1) $\begin{array}{r} 908 \\ \times \quad 49 \\ \hline \end{array}$

2) $\begin{array}{r} 926 \\ \times \quad 43 \\ \hline \end{array}$

3) $\begin{array}{r} 916 \\ \times \quad 82 \\ \hline \end{array}$

4) $\begin{array}{r} 105 \\ \times \quad 59 \\ \hline \end{array}$

5) $\begin{array}{r} 654 \\ \times \quad 40 \\ \hline \end{array}$

6) $\begin{array}{r} 147 \\ \times \quad 12 \\ \hline \end{array}$

7) $\begin{array}{r} 824 \\ \times \quad 39 \\ \hline \end{array}$

8) $\begin{array}{r} 628 \\ \times \quad 51 \\ \hline \end{array}$

WORKSHEET 1 (b) LONG MULTIPLICATION **ANSWERS**

1)
$$\begin{array}{r} 908 \\ \times\ 49 \\ \hline 8,172 \\ +\ 36,320 \\ \hline 44,492 \end{array}$$

2)
$$\begin{array}{r} 926 \\ \times\ 43 \\ \hline 2,778 \\ +\ 37,040 \\ \hline 39,818 \end{array}$$

3)
$$\begin{array}{r} 916 \\ \times\ 82 \\ \hline 1,832 \\ +\ 73,280 \\ \hline 75,112 \end{array}$$

4)
$$\begin{array}{r} 105 \\ \times\ 59 \\ \hline 945 \\ +\ 5,250 \\ \hline 6,195 \end{array}$$

5)
$$\begin{array}{r} 654 \\ \times\ 40 \\ \hline 0 \\ +\ 26,160 \\ \hline 26,160 \end{array}$$

6)
$$\begin{array}{r} 147 \\ \times\ 12 \\ \hline 294 \\ +\ 1,470 \\ \hline 1,764 \end{array}$$

7)
$$\begin{array}{r} 824 \\ \times\ 39 \\ \hline 7,416 \\ +\ 24,720 \\ \hline 32,136 \end{array}$$

8)
$$\begin{array}{r} 628 \\ \times\ 51 \\ \hline 628 \\ +\ 31,400 \\ \hline 32,028 \end{array}$$

Worksheet 2 Averages

Chapter 5: Data 1 – Averages

1. Here are the points Darragh scored in his last four games:

Vs Ballyhale Shamrocks: 14 points	Vs Portumna: 2 points
Vs Sixmilebridge: 11 points	Vs Sarsfields: 9 points

(a) What was Darragh's average score per game? _____

(b) In which games did he score above average? _____

(c) His team played Sarsfields and Sixmilebridge in the Munster Championships. What was his average score in those games? _____

(d) Darragh scored 9 points against Sarsfields. If you exclude that match, what was his average? _____

(e) If he had scored 8 more points against Portumna, what would his average over the four games have been? _____

Answers Worksheet 2
1 a) 14 + 2 + 11 + 9 divided by 4 = 9 **b) Vs. Ballyhale Shamrocks and Vs. Sixmilebridge** **c) 11 + 9 divided by 2 = 10** **d) 14 + 2 + 11 divided by 3 = 9** **e) 14 + 10 + 11 + 9 divided by 4 = 11**

Worksheet 3 Division

Remember to use your multiplication facts to help you work out the answers.
For example 6x 4= 24 so 24 /4 = 6

Division 1 – Different ways of doing division

(a) $\frac{48}{6} = 8$ (b) $48 \div 6 = 8$ (c) $6\overline{)48}$ 8 (d) $\begin{array}{r} 8 \\ 6\overline{)48} \end{array}$

Write the answers to the following division questions.

1.	(a) $18 \div 9 =$ ____	(b) $35 \div 7 =$ ____	(c) $56 \div 8 =$ ____	(d) $40 \div 5 =$ ____
2.	(a) $\frac{24}{8} =$ ____	(b) $\frac{63}{7} =$ ____	(c) $\frac{72}{9} =$ ____	(d) $\frac{42}{6} =$ ____
3.	(a) $5\overline{)55}$	(b) $6\overline{)48}$	(c) $9\overline{)81}$	(d) $7\overline{)56}$
4.	(a) $6\overline{)24}$ ____	(b) $5\overline{)40}$ ____	(c) $9\overline{)54}$ ____	(d) $8\overline{)72}$ ____

Answer Worksheet 3 Division

Use your calculator to work out the answers

Write the answers to the following division questions.

1. (a) $18 \div 9 =$ 9	(b) $35 \div 7 =$ 5	(c) $56 \div 8 =$ 7	(d) $40 \div 5 =$ 8
2. (a) $\frac{24}{8} =$ 3	(b) $\frac{63}{7} =$ 9	(c) $\frac{72}{9} =$ 8	(d) $\frac{42}{6} =$ 7
3. (a) $5\overline{)55}$ 11	(b) $6\overline{)48}$ 8	(c) $9\overline{)81}$ 9	(d) $7\overline{)56}$ 8
4. (a) $6\overline{)24}$ 4	(b) $5\overline{)40}$ 8	(c) $9\overline{)54}$ 6	(d) $8\overline{)72}$ 9

WORKSHEET 4 TIME

Match the analog clock on the top to the digital clock on the bottom.

1) 

2) 

3) 

4) 

5) 

6) 

7) 

8) 

9) 

10) 

11) 

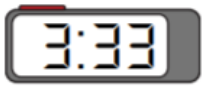
12) 

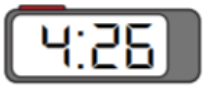
13) 

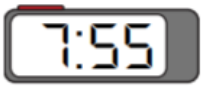
14) 

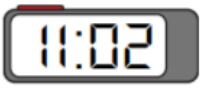
15) 

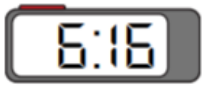
16) 

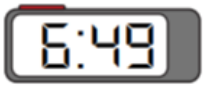
A) 

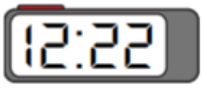
B) 

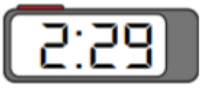
C) 

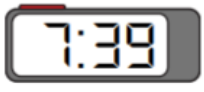
D) 

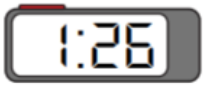
E) 

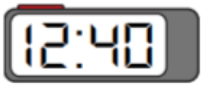
F) 

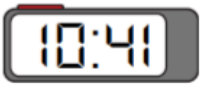
G) 

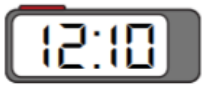
H) 

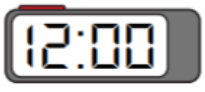
I) 

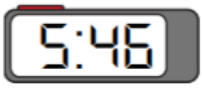
J) 

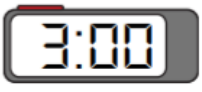
K) 

L) 

M) 

N) 

O) 

P) 

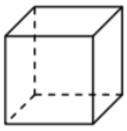
WORKSHEET 4 ANSWERS

Answers

1. I
2. C
3. A
4. J
5. L
6. G
7. E
8. K
9. D
10. F
11. M
12. O
13. B
14. N
15. P
16. H

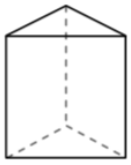
Worksheet 4 3- D shapes

Use the diagram to determine the faces,vertices and edges of the shapes.



cube

1) Faces: _____
2) Vertices: _____
3) Edges: _____



triangular prism

4) Faces: _____
5) Vertices: _____
6) Edges: _____

sphere

7) Faces: _____
8) Vertices: _____
9) Edges: _____

cube

1) Faces: 6

2) Vertices: 8

3) Edges: 12

triangular prism

4) Faces: 5

5) Vertices: 6

6) Edges: 9

sphere

7) Faces: 0

8) Vertices: 0

9) Edges: 0