

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

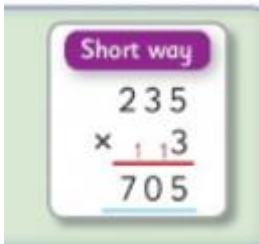
June Week beginning 08/06

Subject: **MATHS GROUP**

Ms. O Sullivan and Ms. Browne 5th class

SEN Teachers: Ms. Daly

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

week 11 08/06	<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	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 numbers. $4 + 10 + 12 + 13 + 14 + 18 + 20 = 91$ $2 + 7 + 7 + 9 + 10 + 15 + 20 + 23 = 93$ $91 \div 7 = 13$ $93 \div 8 = 11.6$ Click on the link to learn about averages: https://youtu.be/K2g0LugHfD4
	Worksheet 3 Revision of Division	Worksheet 4 Time Match the analog clocks with the digital clocks.
		Worksheet 5 3D Shapes Click on the link to revise 3D shapes: 3d shapes https://youtu.be/TdFjzmmhAYsw

WORKSHEET 1 (a)

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

Short way

$$\begin{array}{r} 235 \\ \times 3 \\ \hline 705 \end{array}$$

4. (a) $\begin{array}{r} 176 \\ \times 8 \\ \hline \end{array}$

(b) $\begin{array}{r} 439 \\ \times 7 \\ \hline \end{array}$

(c) $\begin{array}{r} 588 \\ \times 6 \\ \hline \end{array}$

(d) $\begin{array}{r} 746 \\ \times 9 \\ \hline \end{array}$

(e) $\begin{array}{r} 631 \\ \times 5 \\ \hline \end{array}$

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 908×49 , 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. $4 \times 0 = 0$

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

Solve each problem.

1)	$\begin{array}{r} 908 \\ \times 49 \\ \hline \end{array}$	2)	$\begin{array}{r} 926 \\ \times 43 \\ \hline \end{array}$	3)	$\begin{array}{r} 916 \\ \times 82 \\ \hline \end{array}$	4)	$\begin{array}{r} 105 \\ \times 59 \\ \hline \end{array}$
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5)	$\begin{array}{r} 654 \\ \times 40 \\ \hline \end{array}$	6)	$\begin{array}{r} 147 \\ \times 12 \\ \hline \end{array}$	7)	$\begin{array}{r} 824 \\ \times 39 \\ \hline \end{array}$	8)	$\begin{array}{r} 628 \\ \times 51 \\ \hline \end{array}$
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WORKSHEET 1 (b) LONG MULTIPLICATION
ANSWERS

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

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

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

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

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

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

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

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

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 $6 \times 4 = 24$ 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) $6 \overline{)8}$ 48
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Write the answers to the following division questions.

1. (a) $18 \div 9 = \underline{\quad}$	(b) $35 \div 7 = \underline{\quad}$	(c) $56 \div 8 = \underline{\quad}$	(d) $40 \div 5 = \underline{\quad}$
2. (a) $\frac{24}{8} = \underline{\quad}$	(b) $\frac{63}{7} = \underline{\quad}$	(c) $\frac{72}{9} = \underline{\quad}$	(d) $\frac{42}{6} = \underline{\quad}$
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) $5 \overline{)55}$ (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) $8 \overline{)72}$

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)



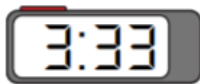
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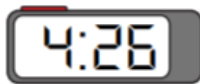
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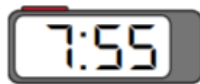
A)



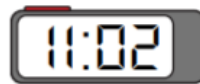
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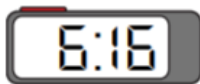
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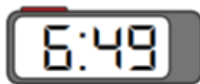
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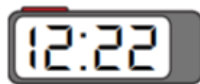
E)



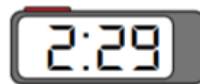
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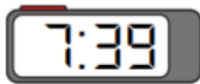
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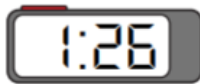
H)



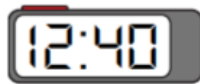
I)



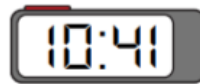
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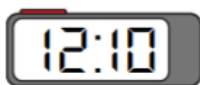
K)



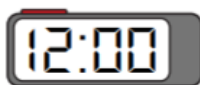
L)



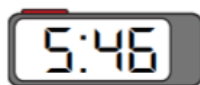
M)



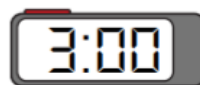
N)



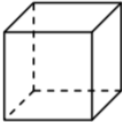
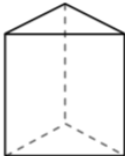
O)

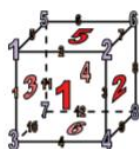


P)



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

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: _____



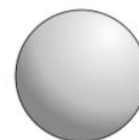
cube

- 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