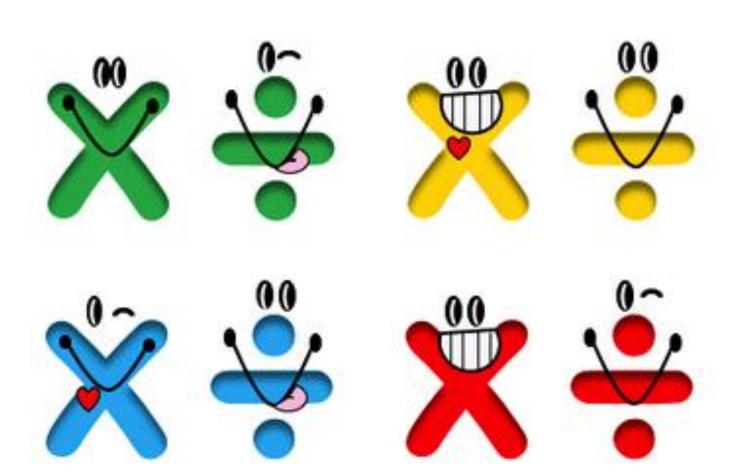# WEDNESDAY WEEK 9 MATHS

Multiplication and Division

LEARNING INTENTION:

- I am learning to select and apply appropriate strategies for multiplication and division.

SET UP OF WEEK 9 MATH'S

- Hi Stage 3, we have tried to set up your math's work this week a little differently.
- You will notice each slide has a star

★   ★★   ★★★

Just like at school, sometimes we need to complete work differently to other students to make sure we are working on a skill that will help you to continue to learn and grow.

- Your teacher will be in contact with you if you are to work on the 1 star or 3 star activities.
- If you feel the 2 star activity is too hard, please attempt the 1 star activity. If you feel the 2 star activity is to easy, please try and complete the 3 star activity.

NAPLAN QUESTION:

26 John and Bella get pocket money each week.

John gets $4.

Bella gets $7.

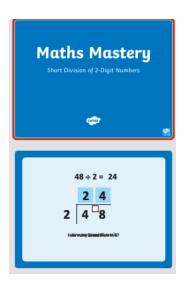After 11 weeks, Bella will have received more pocket money than John.

How much more?

$ [   ]

SET YOUR TIMER FOR 10 MINUTES AND COMPLETE THE MULTIPLICATION FACT SHEET. SEE IF YOU CAN BEAT YOUR PB (TIME AND SCORE)

Basic Multiplication

1. $4 \times 6 =$ _____	2. $5 \times 9 =$ _____	3. $3 \times 5 =$ _____
4. $8 \times 10 =$ _____	5. $2 \times 8 =$ _____	6. $9 \times 9 =$ _____
7. $9 \times 8 =$ _____	8. $5 \times 8 =$ _____	9. $11 \times 8 =$ _____
10. $4 \times 10 =$ _____	11. $6 \times 4 =$ _____	12. $4 \times 11 =$ _____
13. $11 \times 9 =$ _____	14. $5 \times 11 =$ _____	15. $9 \times 12 =$ _____
16. $7 \times 5 =$ _____	17. $12 \times 7 =$ _____	18. $12 \times 3 =$ _____
19. $2 \times 3 =$ _____	20. $3 \times 4 =$ _____	21. $5 \times 4 =$ _____
22. $11 \times 7 =$ _____	23. $3 \times 12 =$ _____	24. $7 \times 2 =$ _____
25. $8 \times 12 =$ _____		

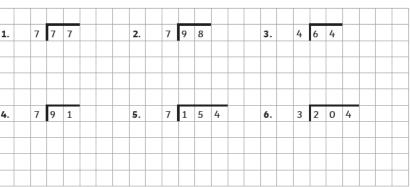**Time:** _____ minutes   **Score:** _____ out of 25

DIVISION

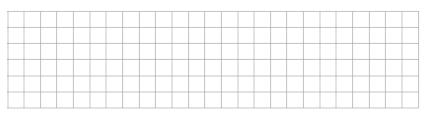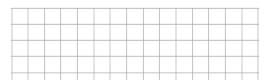- Watch the PowerPoint on short division of 2-digit numbers and then complete the worksheet

Short Division Without Remainders
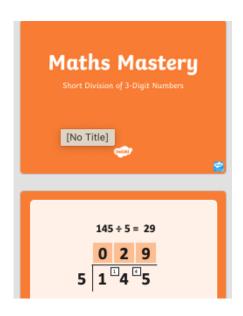
Complete the calculations below.

1. 7 | 7 7
2. 7 | 9 8
3. 4 | 6 4

4. 7 | 9 1
5. 7 | 1 5 4
6. 3 | 2 0 4

7. $138 \div 6 =$

8. $217 \div 7 =$

9. Connor had 91 marbles. He shared them out equally between 7 bags. How many marbles were in each bag?

SHORT DIVISION

- Watch the PowerPoint on short division of 3-digit numbers and then complete the worksheet

Short Division

I can divide numbers using the formal written method of short division.

Complete the calculations using the formal written method, short division. Some of the calculations may have remainders.

1 5 | 9 3 6 7   r
2 0 | 7 1 5 6   r
1 1 | 8 6 4 0   r

1 2 | 7 0 7 5   r
1 2 | 8 2 3 1   r
1 1 | 5 2 3 1   r

Order the answers to the calculations in order of smallest to largest.

smallest					largest

Jessica is training for a swimming competition. She swims four evenings each week. She wants to swim 1240 lengths in the 5 weeks in the run up to the swimming gala. How many lengths per evening does she need to swim to reach her target?

_____ lengths per evening.

Use this space for jottings:

Maths Mastery
Short Division of 3-Digit Numbers

[No Title]

$145 \div 5 = 29$

0 2 9
5 | 1 ¹4 ⁴5

Short Division- word problems

COMPLETE 2 STAR
ACTIVITIES AND THEN
SOLVE THE
ATTACHED DIVISION
WORD PROBLEMS.

Teamwork

I can use short division to solve problems.

The children of Dove Primary School have their sports day today. They are all really excited!

The teachers want to put them into teams. There are **498** children in the school.

Use short division to work out the answers to these problems.

1. How many teams will there be if they are sorted into teams of 3 children? _____
   Will there be any children left who are not in a team of 3? _____

2. What if they are sorted into teams of 4 children? _____
   Will there be any children left who are not in a team of 4? _____

3. What if they are sorted into teams of 6 children? _____
   Will there be any children left who are not in a team of 6? _____

4. What if they are sorted into teams of 8 children? _____
   Will there be any children left who are not in a team of 8? _____