

WELCOME

to today's Maths lesson

12.01.21
Multiply by 3



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Good morning, Year 3.

In today's Maths lesson, we are going to be continuing with Multiplication and Division.

Please watch the following video and then work through the slides and activities:

<https://vimeo.com/475444169>

If you have any questions or would like to send in any work, please email it to:

yearthree@st-jo-st.dudley.sch.uk

Well done everyone, you are all superstars ☺

Love

Miss Robertson xxxx



Starter activities:

Task 1: Using each digit card, which numbers can you make?



Use the place value grid to help.

Hundreds	Tens	Ones
8	4	5

Deepen it:

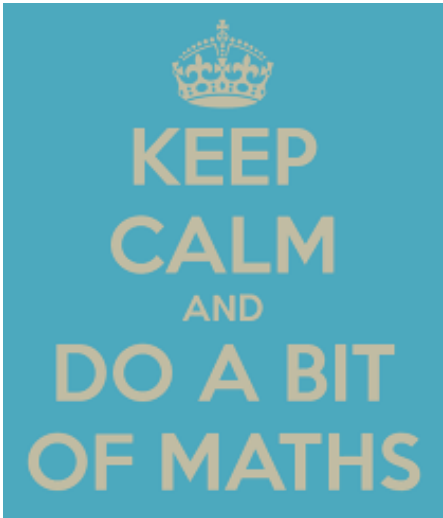
Put the numbers that you make in order



Task 2: Can you complete the times tables?

$5 \times 1 =$	$5 \times 7 =$
$5 \times 2 =$	$5 \times 8 =$
$5 \times 3 =$	$5 \times 9 =$
$5 \times 4 =$	$5 \times 10 =$
$5 \times 5 =$	$5 \times 11 =$
$5 \times 6 =$	$5 \times 12 =$

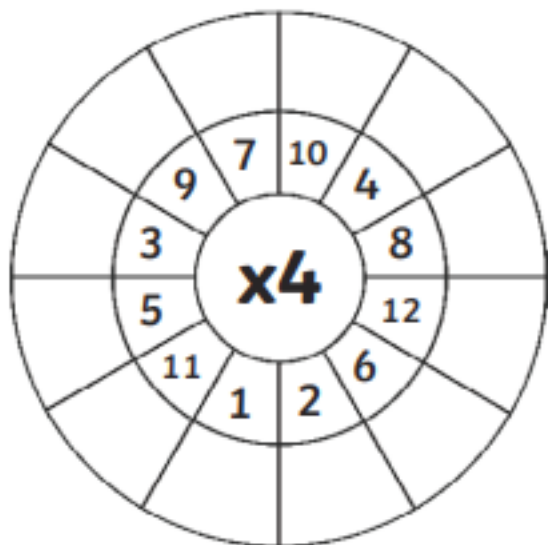
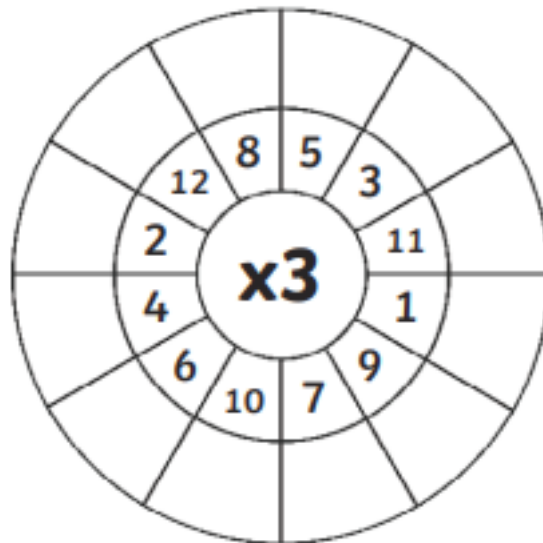
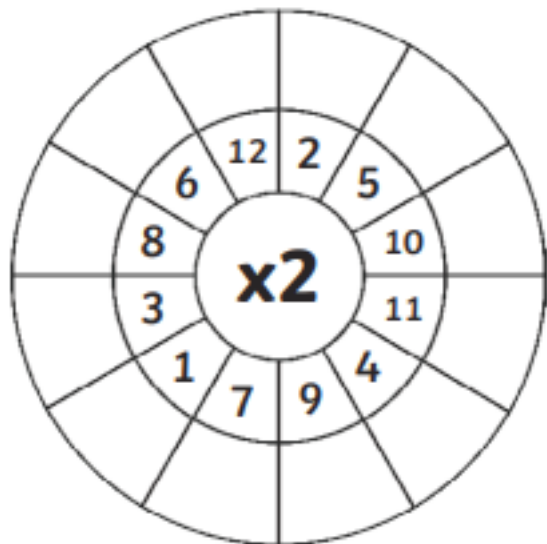
What pattern do you notice in your answers?



Task 3: Word problem:

1) Archie has 250 football cards. He gets 130 more for his birthday. How many does he have now?

Times table practise:



If you feel confident with your 3 times table, have a go at your 4's 😊

Remember, you can also logon to TTRS to practise too :D



Why not create your own wheel for someone in your family to try?



Multiplying by 3



Remember, a number story is a word problem.

There are 6 equal groups of 3.

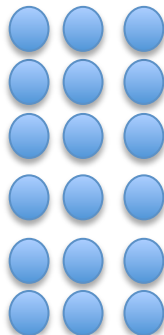
Repeated addition: $3 + 3 + 3 + 3 + 3 + 3 = 18$

Number story: A plant pot has 3 flowers in. How many flowers are there in 6 plant pots?

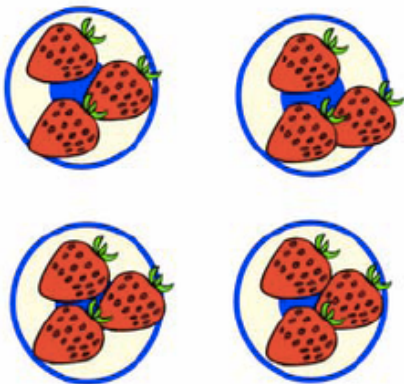
Bar model:

3	3	3	3	3	3
---	---	---	---	---	---

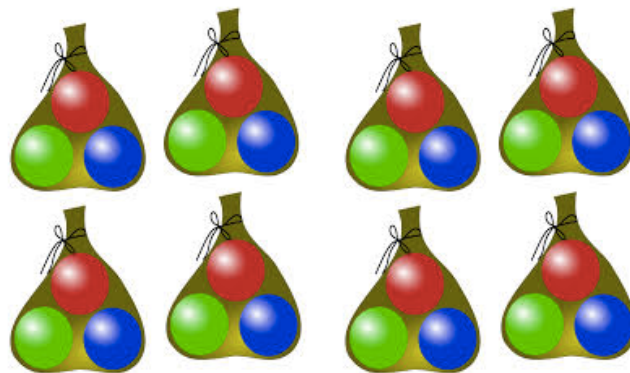
Draw it (as an array):



1.



2.



There are ____ equal groups of

_____.

Repeated addition:

Number story:

Bar model:

Draw it (as an array):

There are ____ equal groups of

_____.

Repeated addition:

Number story:

Bar model:

Draw it (as an array):

Deepen it:



Can you write a number story for each one?

e.g. A pot has 3 pencils in. How many pencils are there in 5 pots?

Complete the sentences.

Write an addition sentence and a multiplication sentence for each picture.



There are equal groups of



There are equal groups of



There are equal groups of

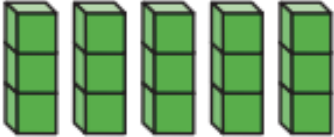



Could you write the number sentences in a different way?



Deepen it:



Which one is the odd one out?

1.  2. 
3.  4. 

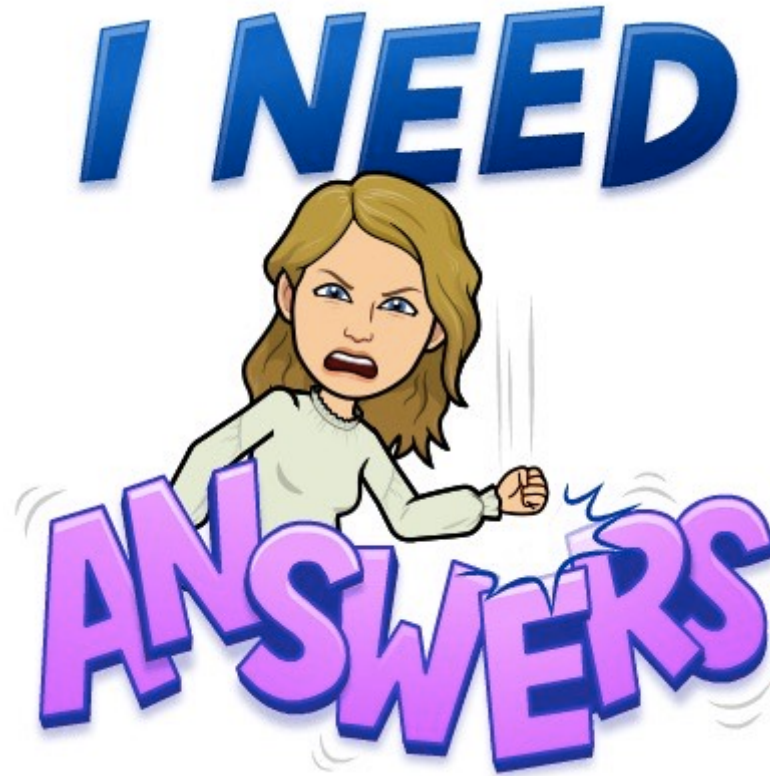
There are 8 children.
Each child has 3 sweets.
How many sweets altogether?

Use concrete or pictorial representations to show this problem.

Explain your answer.

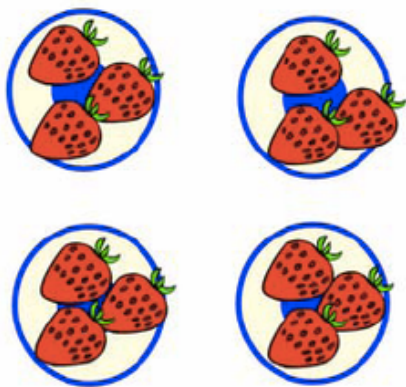
Is there more than one answer?

Can you write your own multiplication number story for someone else in the class to solve? Send them into me and I will share them :D

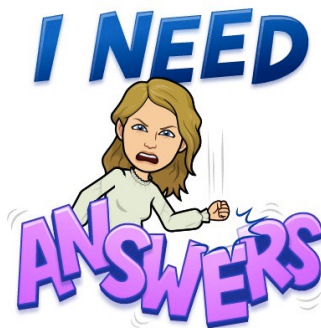
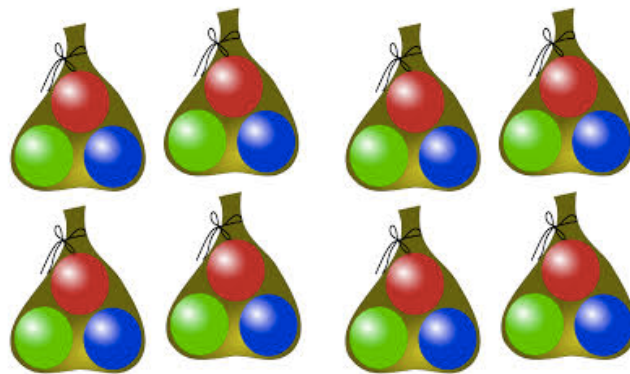


**Answers are coming up on the next slide.
No peeking until you have completed the
questions 😊**

1.



2.



There are 4 equal groups of 3.

Repeated addition:

$$3 + 3 + 3 + 3 = 12$$

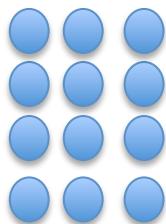
Number story:

There are 3 strawberries in a bag. Mrs Cheslin buys 4 bags. How many strawberries does she have altogether?

Bar model:

3	3	3	3
---	---	---	---

Draw it (as an array):



There are 8 equal groups of 3.

Repeated addition:

$$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 24$$

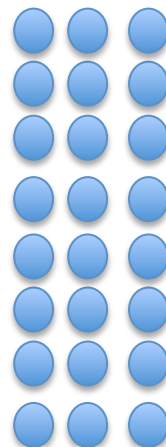
Number story:

There are 3 marbles in a bag. Georgia has 8 bags. How many marbles does she have altogether?

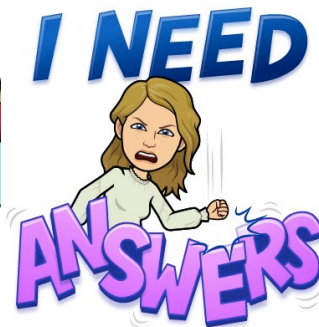
Bar model:

3	3	3	3	3	3	3	3
---	---	---	---	---	---	---	---

Draw it (as an array):



Complete the sentences.

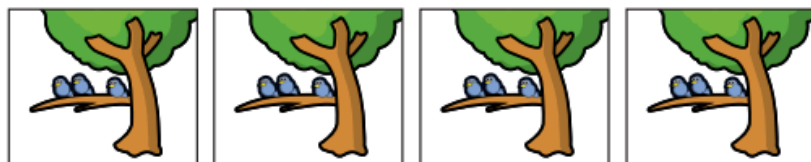


There are equal groups of

$$\boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} = \boxed{18}$$

$$\boxed{6} \times \boxed{3} = \boxed{18}$$

b)



There are equal groups of

$$\boxed{12} = \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3}$$

$$\boxed{12} = \boxed{4} \times \boxed{3}$$



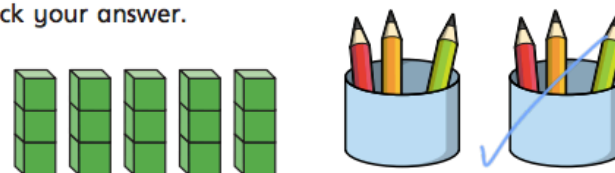
There are equal groups of

$$\boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} = \boxed{21}$$

$$\boxed{7} \times \boxed{3} = \boxed{21}$$

6 Which is the odd one out?

Tick your answer.



Explain your answer.

It shows 2x3, the others show 5x3 or 3x5

There are 8 children.
Each child has 3 sweets.
How many sweets altogether?

There are 24 altogether.
 $8 \times 3 = 24$

Thank you for working so hard.

Please send in any photos of your work or any questions you have to yearthree@st-jo-st.dudley.sch.uk

It is always a pleasure to see all of your work.

