



Year 3 Maths Friday 3rd July 2020



Lesson Aims

- To become familiar with the multiplication and division facts for the 3, 4 and 8x tables.



Fluency Starter

- Joseph had 74 stickers and Maisie gave him 17. They gave away 27. How many do they have left?
 - Write the number sentences and solve the problem.
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- Lollipops cost 20p each. Molly buys 3, Eddie buys 4 and Josh buys 1 each. How many lollipops have been sold in total? How much have they spent in total?
 - Write the number sentences and solve the problem.



Fluency Answers

- Joseph had 74 stickers and Maisie gave him 17. They gave away 27. How many do they have left?
 - Write the number sentences and solve the problem.
 - **$74 + 17 = 91$**
 - **$91 - 27 = 64$**
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- Lollipops cost 20p each. Molly buys 3, Eddie buys 4 and Josh buys 1 each. How many lollipops have been sold in total? How much have they spent in total?
 - Write the number sentences and solve the problem.
- How many lollipops do they have? **$3 + 4 + 1 = 8$.**
- How much have they spent in total? **$8 \times 20 = 160$. $160\text{p} = \text{£}1.60$**



Main Teaching

THE THREE TIMES TABLE

$3 \times 0 = 0$	0	$0 \div 3 = 0$
$3 \times 1 = 3$	3	$3 \div 3 = 1$
$3 \times 2 = 6$	6	$6 \div 3 = 2$
$3 \times 3 = 9$	9	$9 \div 3 = 3$
$3 \times 4 = 12$	12	$12 \div 3 = 4$
$3 \times 5 = 15$	15	$15 \div 3 = 5$
$3 \times 6 = 18$	18	$18 \div 3 = 6$
$3 \times 7 = 21$	21	$21 \div 3 = 7$
$3 \times 8 = 24$	24	$24 \div 3 = 8$
$3 \times 9 = 27$	27	$27 \div 3 = 9$
$3 \times 10 = 30$	30	$30 \div 3 = 10$
$3 \times 11 = 33$	33	$33 \div 3 = 11$
$3 \times 12 = 36$	36	$36 \div 3 = 12$

Multiplication and division facts for the 3x table.

Practise reciting the 3x table and explain that when they recite the division facts you have to start with the biggest number i.e. the answer from the multiplication fact.



Main Teaching

THE FOUR TIMES TABLE

$4 \times 0 = 0$	0	$0 \div 4 = 0$
$4 \times 1 = 4$	4	$4 \div 4 = 1$
$4 \times 2 = 8$	8	$8 \div 4 = 2$
$4 \times 3 = 12$	12	$12 \div 4 = 3$
$4 \times 4 = 16$	16	$16 \div 4 = 4$
$4 \times 5 = 20$	20	$20 \div 4 = 5$
$4 \times 6 = 24$	24	$24 \div 4 = 6$
$4 \times 7 = 28$	28	$28 \div 4 = 7$
$4 \times 8 = 32$	32	$32 \div 4 = 8$
$4 \times 9 = 36$	36	$36 \div 4 = 9$
$4 \times 10 = 40$	40	$40 \div 4 = 10$
$4 \times 11 = 44$	44	$44 \div 4 = 11$
$4 \times 12 = 48$	48	$48 \div 4 = 12$

Multiplication and division facts for the 4x table.

Practise reciting the 4x table and explain that when they recite the division facts you have to start with the biggest number i.e. the answer from the multiplication fact.



Main Teaching

THE EIGHT TIMES TABLE

$8 \times 0 = 0$	0	$0 \div 8 = 0$
$8 \times 1 = 8$	8	$8 \div 8 = 1$
$8 \times 2 = 16$	16	$16 \div 8 = 2$
$8 \times 3 = 24$	24	$24 \div 8 = 3$
$8 \times 4 = 32$	32	$32 \div 8 = 4$
$8 \times 5 = 40$	40	$40 \div 8 = 5$
$8 \times 6 = 48$	48	$48 \div 8 = 6$
$8 \times 7 = 56$	56	$56 \div 8 = 7$
$8 \times 8 = 64$	64	$64 \div 8 = 8$
$8 \times 9 = 72$	72	$72 \div 8 = 9$
$8 \times 10 = 80$	80	$80 \div 8 = 10$
$8 \times 11 = 88$	88	$88 \div 8 = 11$
$8 \times 12 = 96$	96	$96 \div 8 = 12$

Multiplication and division facts for the 8x table.

Practise reciting the 8x table and explain that when they recite the division facts you have to start with the biggest number i.e. the answer from the multiplication fact.



Activity

- Print off the multiplication and division fact triangles. You'll need your facts about both operations in order to find the missing numbers.
- Print off and play tables table dominoes. It's called MATHS FRIDAY DOMINOES. Played the traditional way of dominoes.
- Play this game – practise both the multiplication and division facts for the 3, 4 and 8x tables. Start with the one your child feels least confident in.
- <https://www.topmarks.co.uk/maths-games/hit-the-button>
- Print off and colouring in the sheet called MATHS FRIDAY COLOURING. Colour in the flowers according to the answers.
- If you're feeling energetic, you can finish off by dancing your 8x table facts with Filbert the Fox.
<https://www.bbc.co.uk/teach/super movers/ks2-maths-the-8-times-table-with-filbert-fox/z4mrhbk>



Extras

- Don't forget to keep on logging on to Doodle Maths where extras have been set for you. Getting those correct will help you earn more stars.
- Also there is maths work set on Purple Mash. It's all about addition and subtraction, so give it a try.