Nine times tables

TIMES TABLES ROCK STARS

PRESENTS

ROCKING & ROLLING NUMBERS

9s

Warm-up

9, 18, 27, 36, 45,

54, 63, 72, 81,

90, 99, 108.

Let’s rock and roll the 9s!

Play video

or

Continue with the lyrics in PowerPoint.

- Are you ready?
- Ready for what?

- Are you ready?
- We’re ready to rock!

Intro

- How do you want to rock today?
- We're ready to rock in a 9s kind of way!

- Wooooooooooooaaaaaaaaaaaahhhhhhh!!!

9, 18 and 27.

36 and 45.

54 and 63.

72 and 81.

90!

99, 108.

Rock with us, we're doing great!

(On the next slide, you've got all the lyrics in one place in case you'd prefer to see it all together.)

Intro

Are you ready?

Ready for what?

Are you ready?

We're ready to rock!

How do you want to rock today?

We're ready to rock in a 9s kind of way!

Wooooooooooaaaaaaahhh!

The 9s

9, 18 and 27.

36 and 45.

54 and 63.

72 and 81.

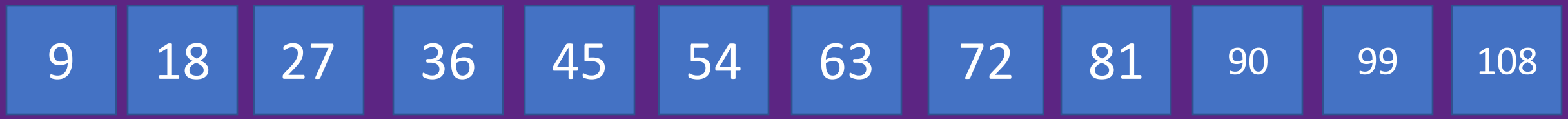
90!

99, 108.

Rock with us,

we're doing great!

What pattern can we spot here?



What pattern can we spot here?

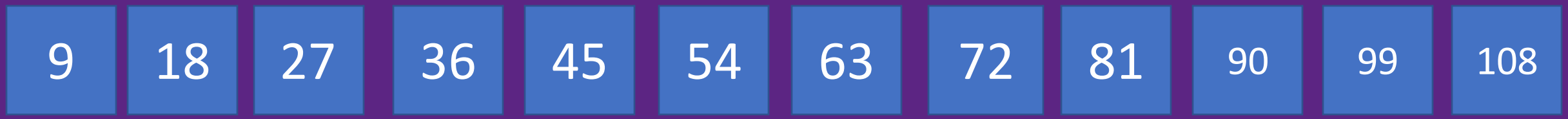
09	18	27	36	45	54	63	72	81	90	99	108

Each digit in the ones column decreases by 1 each time and each digit in the tens column increased by 1 each time up until 9x10.

What pattern can we spot here?

09	18	27	36	45	54	63	72	81	90	99	108

Each pair of digits within a number adds up to 9 (up to 9x10)


9
18
27
36
45
54
63
72
81
90
99
108

Easy because it is only one lot of 9!

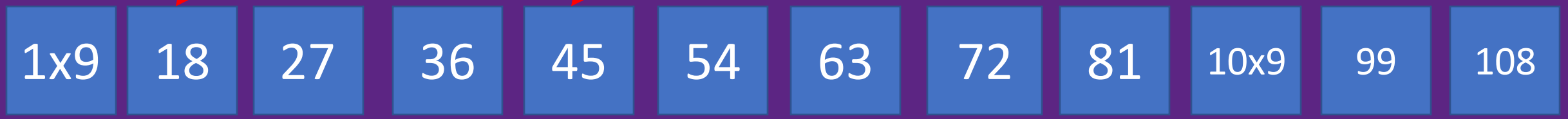
9	18	27	36	45	54	63	72	81	90	99	108

Easy because it is 9 made ten times bigger.

1x9	18	27	36	45	54	63	72	81	10x9	99	108

Easy because it is double 9!

Easy because it is half of 90 (9x10) and we can use our x5 tables.



1x9	2x9	27	36	5x9	54	63	72	81	10x9	99	108

Easy because it is 9 less than 90! It is also a square number because it is multiplied by itself (9x9)

1x9	2x9	27	36	5x9	54	63	72	81	10x9	99	108

Easy because 2x9 =18 so 4x9 = double 2x9.

Easy because it is only 9 more than 90!

1x9	2x9	27	4x9	5x9	54	63	72	9x9	10x9	11x9	108

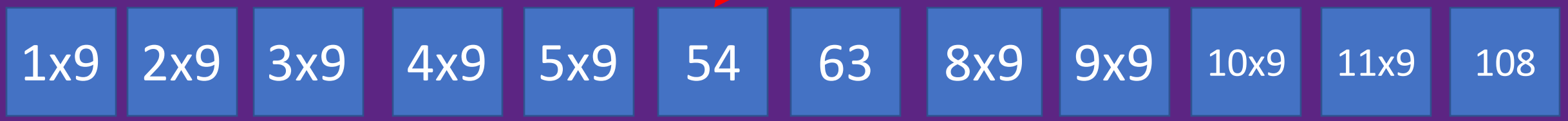
Easy because 4x9 = 36 and 8x9 = double 4x9.

1x9	2x9	27	4x9	5x9	54	63	72	9x9	10x9	11x9	108

Easy because it is made of 1x9 (9) and 2x9 (18) . 9+18 =27 (1x9) +(2x9) =27

1x9	2x9	3x9	4x9	5x9	54	63	8x9	9x9	10x9	11x9	108

Easy because 3x9 = 27 and 6x9 = double 3x9.



Easy because it is the biggest number but is also made of 6x10 (60) and 6x2 (12)
60+12 = 72
(6x10)+(6x2) = 72

1x9	2x9	3x9	4x9	5x9	6x9	63	8x9	9x9	10x9	11x9	12x9

Easy because it is our odd one out. 7x9 = 63 is our only one left!

1x9	2x9	3x9	4x9	5x9	6x9	63	8x9	9x9	10x9	11x9	12x9

1x9	2x9	3x9	4x9	5x9	6x9	7x9	8x9	9x9	10x9	11x9	12x9

Are you ready?

Random times table time.

10 x 9

1 x 9

2 x 9

5 x 9

9 x 9

4 x 9

11 x 9

6 x 9

8 x 9

3 x 9

12 x 9

7 x 9

Can you write our the fact family for a fact in the NINE times tables?

1x9	2x9	3x9	4x9	5x9	6x9	7x9	8x9	9x9	10x9	11x9	12x9

E.G

$10 \times 9 = 90$

$90 \div 10 = 9$

$9 \times 10 = 90$

$90 \div 9 = 10$