

Maths at BVPS

- 1) The maths curriculum
- 2) How your child can achieve and enjoy

The National Curriculum for mathematics

- Fluency
- Reasoning
- Problem solving

Fluency

Last curriculum:

$$2 \times 8 = 16$$

$$3 \times 7 = 21$$

$$6 \times 4 = 24$$

$$9 \times 7 = 63$$

$$5 \times 5 = 25$$

This curriculum:

$$2 \times ? = 16$$

$$? \div 7 = 3$$

$$2 \times 3 \times 4 = ?$$

$$9 \times 7 = 21 \times ?$$

$$5 \times ? = 250 \div 10$$

Reasoning

What would the difference be between buying 20 single apples and 2 bags of 10 apples?

Reasoning

Sometimes? Always?
Never?

The digits of any multiple of 9
sum to a multiple of 9.

Reasoning

$$240 \div ? = 8$$

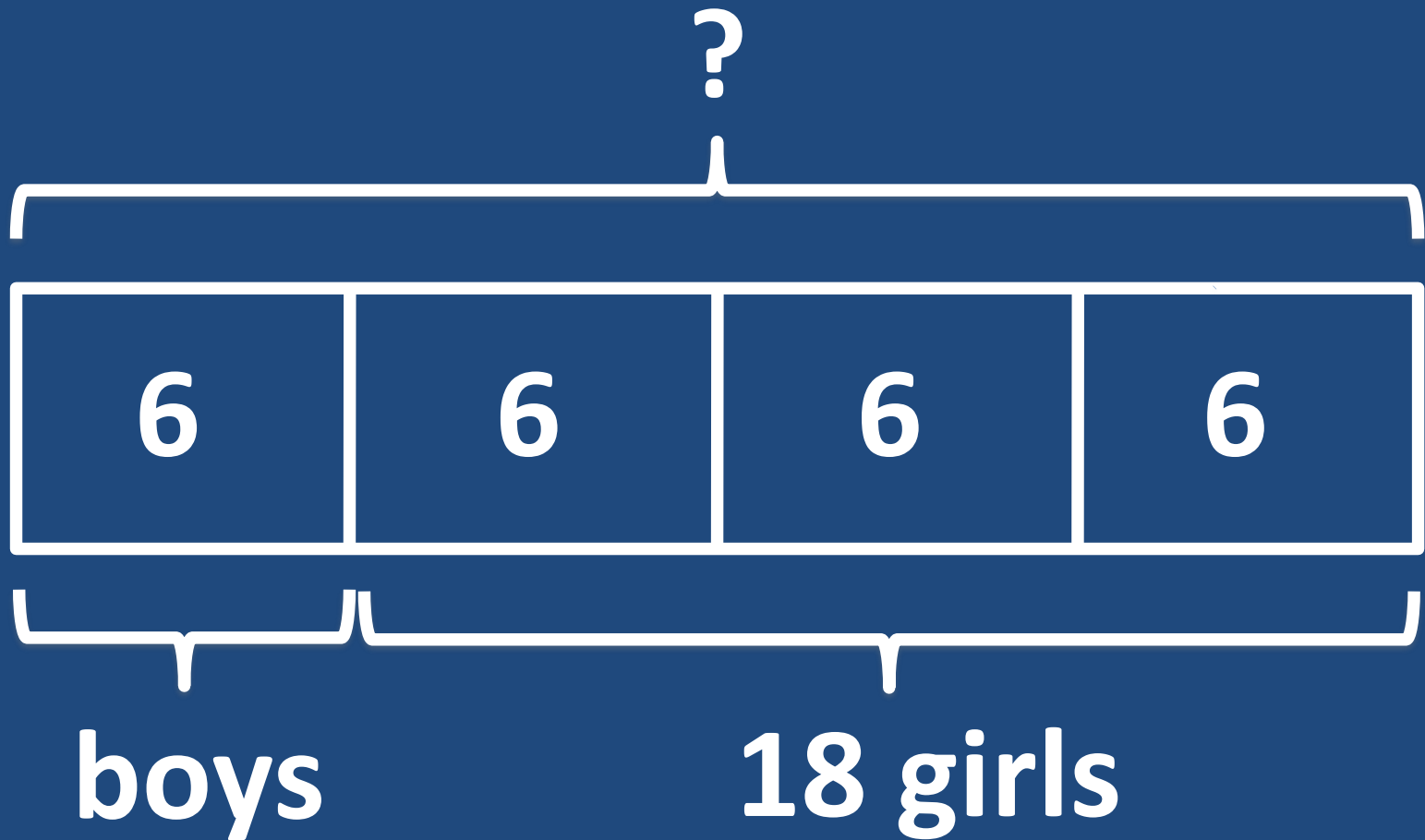
Problem solving

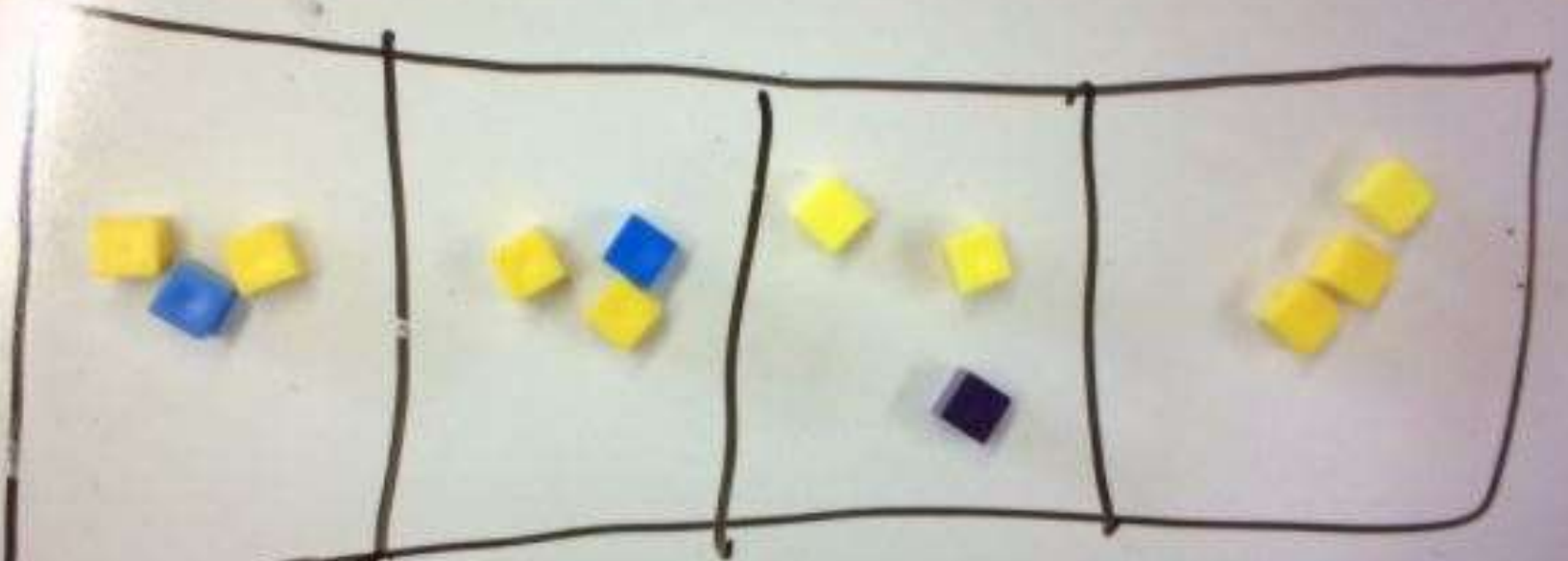
Problem solving

A class has 18 girls. A quarter of the class are boys.

How many children are in the class?

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How many children are in the class?

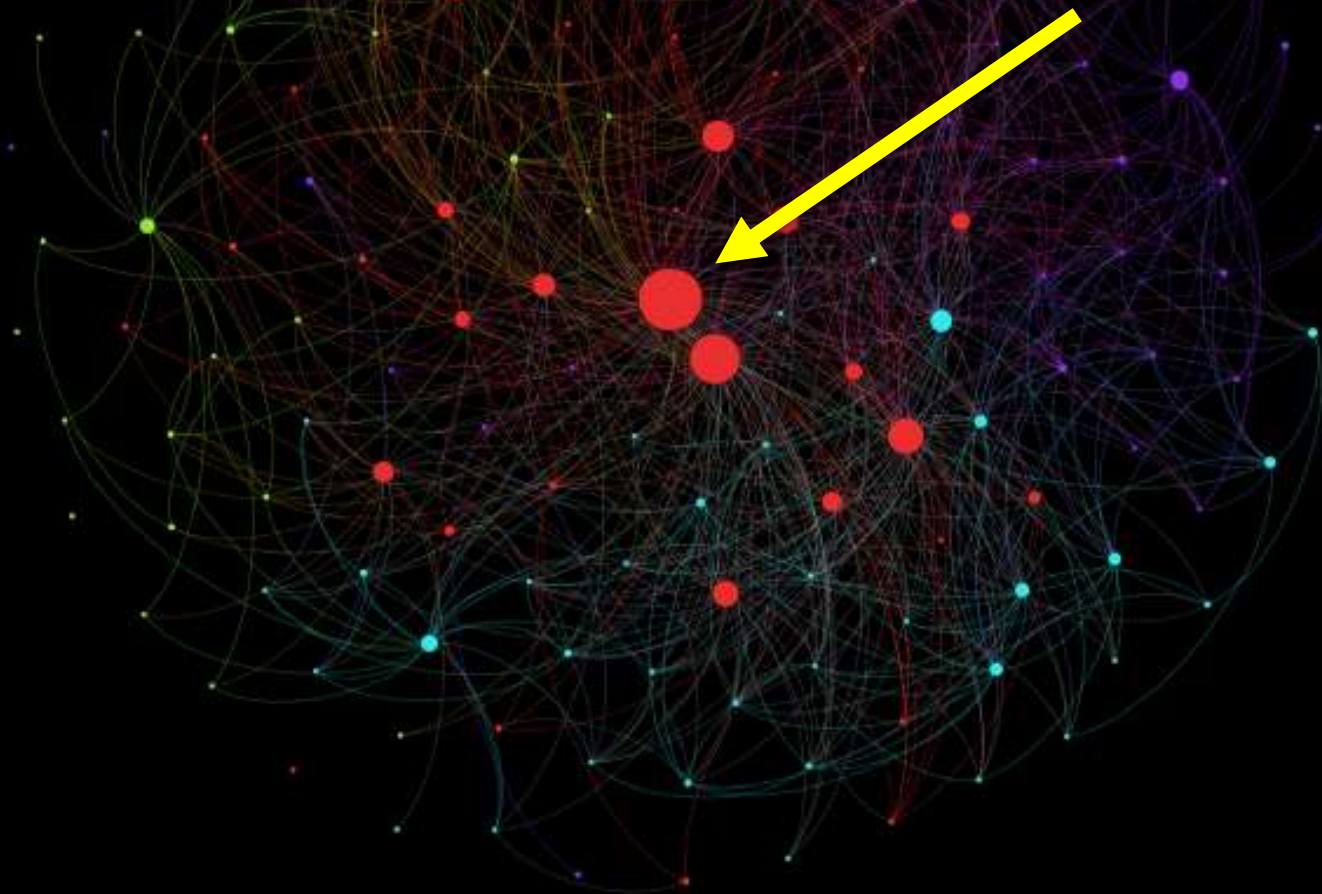




4-11

How your child can
achieve and enjoy

Times tables affect almost everything.



What to do at home

1) Practise facts little but often

- End of year 3: RAPID recall of 3, 4 and 8 times tables inc. division facts

- End of year 4: RAPID recall of all times tables inc. division facts up 12 x 12.

Govt. test in June, year 4 (MTC)



Multiplication tables check: information video



Copy link

The video shows a person's hands holding a tablet. The screen displays a math problem: $5 \times 2 =$ followed by a rectangular input box. Below the input box is a numeric keypad with buttons for digits 1-9, 0, and an 'Enter' button. The person's right index finger is pointing at the '2' button on the keypad. The background is a blurred indoor setting.

Play



0:11 / 2:14



What to do at home

Resources:

- 1) Sumdog (Training > Choose skills)
- 2) Times Tables Rock Stars (year 4, same log-in as Sumdog)
- 3) Quizzing using children's planners



1,018

LOGOUT



CITY



HOUSE



GARDEN



You've got an assessment to do!

CONTINUE

TT test

1 $4 \times 8 = ?$

36

24

28

32

4m 55s

Back

Next

Multiplication tables

2	4								
3	6	9							
4	8	12	16						
5	10	15	20	25					
6	12	18	24	30	36				
7	14	21	28	35	42	49			
8	16	24	32	40	48	56			
9	18	27	36	45	54	63	72	81	
10	20	30	40	50	60	70	80	90	100
	2	3	4	5	6	7	8	9	10

7 × 7
Average questions
answered 144
Average accuracy 100%
Average speed 2.9s
Complete

- Not started
- Started
- Complete

+ - × ÷

Done

Go back

Next: 7×12

28 2×5 87

7	8	9
4	5	6
1	2	3
Delete	0	Enter



HEADLINES

SUPPORT ACT

BREAKTHROUGH ARTIST

UNSIGNED ACT

GIGGER

BUSKER

GARAGE ROCKERS

WARRIORS

Grouped

Basic

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

1	1x7	1x8	1x9	1x10	1x11	1x12	1x13	1x14	1x15	1x16	1x17	1x18
2	2x7	2x8	2x9	2x10	2x11	2x12	2x13	2x14	2x15	2x16	2x17	2x18
3	3x7	3x8	3x9	3x10	3x11	3x12	3x13	3x14	3x15	3x16	3x17	3x18
10	10x7	10x8	10x9	10x10	10x11	10x12	10x13	10x14	10x15	10x16	10x17	10x18
3	3x7	3x8	3x9	3x10	3x11	3x12	3x13	3x14	3x15	3x16	3x17	3x18
4	4x7	4x8	4x9	4x10	4x11	4x12	4x13	4x14	4x15	4x16	4x17	4x18
8	8x7	8x8	8x9	8x10	8x11	8x12	8x13	8x14	8x15	8x16	8x17	8x18
6	6x7	6x8	6x9	6x10	6x11	6x12	6x13	6x14	6x15	6x16	6x17	6x18
7	7x7	7x8	7x9	7x10	7x11	7x12	7x13	7x14	7x15	7x16	7x17	7x18
9	9x7	9x8	9x9	9x10	9x11	9x12	9x13	9x14	9x15	9x16	9x17	9x18
11	11x7	11x8	11x9	11x10	11x11	11x12	11x13	11x14	11x15	11x16	11x17	11x18
12	12x7	12x8	12x9	12x10	12x11	12x12	12x13	12x14	12x15	12x16	12x17	12x18

8-10 7-20 8-30 9-40 4-11 5-20 6-30 7-40 8-50 9-60 10-70 11-80

Times tables affect almost everything.

