

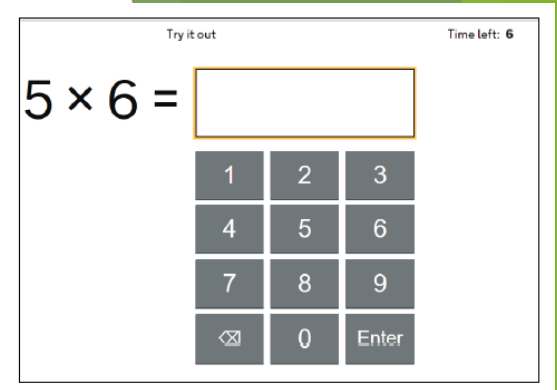
# Year 4 Multiplication tables check

# Key Information

- The check will take place over two week in June 2023.
- The purpose of the check is to determine whether year 4 children can recall their multiplication tables up to 12x12 fluently.
- The children will complete the check in school, using an Ipad or a computer. They will have to answer 25 questions against a clock.

## What the check will look like:

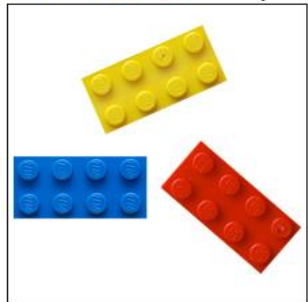
- ▶ The check will consist of 25 questions.
- ▶ Children will be able to use the number pad on screen or on the keyboard.
- ▶ Questions will be taken from the 2 to 12 multiplication tables, with more questions from the 6, 7, 8, 9 and 12 times tables appearing more frequently.
- ▶ Children will get 6 seconds to answer each question, and there will be a 3 second pause between questions.
- ▶ The whole check will take less than 5 minutes to complete.



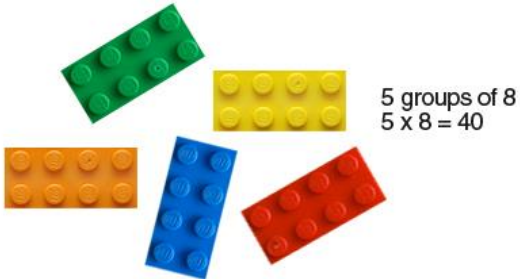
# What can you do to help at home?

- ▶ Chant the tables or sing songs with your child-there are lots of examples online.
- ▶ Ask your child multiplication questions out of order.
- ▶ Look for multiplication facts in every day life: “There are 6 people for dinner, if we each have 3 fish fingers, how many fish fingers do I need to cook?”

**LEGO** Multiplication: Groups of



3 groups of 8  
 $3 \times 8 = 24$

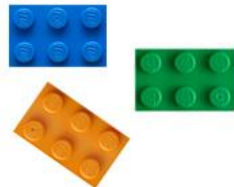


5 groups of 8  
 $5 \times 8 = 40$



2 groups of 4  
 $2 \times 4 = 8$

3 groups of 6  
 $3 \times 6 = 18$



Commutative Property  
 $5 \times 3 = 15$

Repeated Addition  
 $3 + 3 + 3 + 3 + 3 = 15$

Groups of:  $3 \times 5 = 15$  An Array

3 groups of 5

# Games to play

- ▶ **Rhyme Time!** Silly rhymes and songs can help children to remember these patterns, e.g. '0 2 4 6 8, my mum thinks I'm great' - the sillier the better really!
- ▶ **Bingo!** Make a grid of 6 squares on a piece of paper and ask your child to write a number in each square from their target tables. Give them a question and if they have the answer, they mark them off. First one to mark off all their numbers is the winner!
- ▶ **Number Squares** When numbers are placed in a number square, highlighted times tables make a visual pattern. Some children find these very visual patterns help them to remember the table.
- ▶ **Super Fingers!** This is a game for two players! The game is basically a version of rock, paper, scissors but with numbers. Two players count to 3 and then make a number using their fingers. Both players then have to multiply both numbers together and the quickest wins.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100