



# TABLES EXPERT



Alison MacMahon





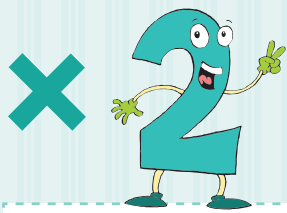
**TABLES**

**EXPERT**



Alison Ní Mhathúna





# Multiply by 2

## Monday



**x 2 vocabulary:** pair, double, duo, duet, twins, twice

### x 2 Tables

Monday

$0 \times 2 = 0$   
 $1 \times 2 = 2$   
 $2 \times 2 = 4$   
 $3 \times 2 = 6$   
 $4 \times 2 = 8$

Tuesday

$5 \times 2 = 10$   
 $6 \times 2 = 12$   
 $7 \times 2 = 14$   
 $8 \times 2 = 16$

Wednesday

$9 \times 2 = 18$   
 $10 \times 2 = 20$   
 $11 \times 2 = 22$   
 $12 \times 2 = 24$

Look



Say



Cover



Write



Check



### Learn these

$0 \times 2 = 0$   
 $1 \times 2 = 2$   
 $2 \times 2 = 4$   
 $3 \times 2 = 6$   
 $4 \times 2 = 8$



### 1 Multiply by 2



Match each number with the correct answer.

**x 2**

3	10
5	6
2	18
9	4
11	20
6	22
0	0
4	12
10	8

### 2 Multiply

(a)  $\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$     (b)  $\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$     (c)  $\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$     (d)  $\begin{array}{r} 0 \\ \times 2 \\ \hline \end{array}$



### 3 Colour the correct number sentence



(a) (b) (c)

$3 \times 3 = 9$	$4 \times 4 = 16$	$4 \times 1 = 4$
or	or	or
$3 \times 2 = 6$	$4 \times 1 = 4$	$2 \times 2 = 4$
or	or	or
$6 \times 1 = 6$	$4 \times 2 = 8$	$0 \times 4 = 0$

# Tuesday

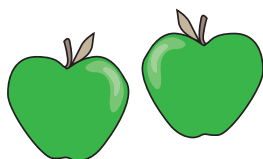
## Learn these

$5 \times 2 = 10$

$6 \times 2 = 12$

$7 \times 2 = 14$

$8 \times 2 = 16$



## 1 Multiply



$$\begin{array}{r} (a) \quad 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} (b) \quad 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} (c) \quad 7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} (d) \quad 5 \\ \times 2 \\ \hline \end{array}$$

## 2 Ring the correct answer



(a)  $6 \times 2 = 8, 10, 12$  or  $14$

(b)  $5 \times 2 = 7, 8, 10$  or  $15$

(c)  $8 \times 2 = 12, 14, 18$  or  $16$

(d)  $7 \times 2 = 14, 16, 18$  or  $20$

(e)  $4 \times 2 = 6, 8, 12$  or  $10$

## 3 Multiply by 2



(a)  $5 \rightarrow 10$

(b)  $7 \rightarrow$

(c)  $8 \rightarrow$

(d)  $6 \rightarrow$

(e)  $3 \rightarrow$

(f)  $4 \rightarrow$

(g)  $0 \rightarrow$

(h)  $2 \rightarrow$

## 4 Factor boxes



(a)

6	2
12	

(b)

5	2
<input type="text"/>	

(c)

7	2
<input type="text"/>	

(d)

<input type="text"/>	2
16	

## 5 Colour 'true' or 'false'



(a)  $8 \times 2 = 16$

 true

 false

(b)  $3 \times 2 = 6$

 true

 false

(c)  $10 \times 2 = 5$

 true

 false

(d)  $0 \times 2 = 0$

 true

 false

(e)  $4 \times 2 = 8$

 true

 false

(f)  $2 \times 2 = 8$

 true

 false

(g)  $11 \times 2 = 11$

 true

 false

(h)  $7 \times 2 = 14$

 true

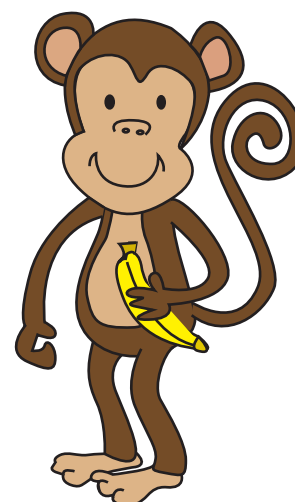
 false

## 6 Two times each number is...



Colour the correct answer in each row.

(a)	2 times eight =	6	8	16	10
(b)	2 times five =	12	5	10	12
(c)	2 times four =	8	10	12	14
(d)	2 times six =	12	13	14	17
(e)	2 times ten =	15	20	25	40
(f)	2 times seven =	10	12	14	16



# Wednesday

## Learn these

- $9 \times 2 = 18$
- $10 \times 2 = 20$
- $11 \times 2 = 22$
- $12 \times 2 = 24$

## 1 Matching

Answer and join each number sentence to the correct sum.

- (a)  $3 \times 2 =$
- (b)  $6 \times 2 =$
- (c)  $4 \times 2 =$
- (d)  $5 \times 2 =$

- $2 + 2 + 2 + 2 + 2 + 2 =$
- $2 + 2 + 2 + 2 =$
- $2 + 2 + 2 + 2 + 2 =$
- $2 + 2 + 2 =$

## 2 Multiply



- (a) 
$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$
- (b) 
$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$
- (c) 
$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$
- (d) 
$$\begin{array}{r} 11 \\ \times 2 \\ \hline \end{array}$$

## 3 Colour ✓ or ✗



- |     |                    |   |   |
|-----|--------------------|---|---|
| (a) | $9 \times 2 = 18$  | ✓ | ✗ |
| (b) | $10 \times 2 = 12$ | ✓ | ✗ |
| (c) | $12 \times 2 = 24$ | ✓ | ✗ |
| (d) | $11 \times 2 = 22$ | ✓ | ✗ |
| (e) | $8 \times 2 = 18$  | ✓ | ✗ |

## 4 Problems with brackets



- (a)  $(9 \times 2) + 2 =$
- (b)  $(10 \times 2) + 4 =$
- (c)  $(12 \times 2) + 0 =$
- (d)  $(11 \times 2) + 3 =$
- (e)  $(5 \times 2) + 5 =$

## 5 Fill in the missing number



- (a)   $\times 2 = 24$
- (b)   $\times 2 = 18$
- (c)   $\times 2 = 12$
- (d)   $\times 2 = 22$

## 6 Problem-solving with tables



Colour the sum that matches each problem.

- (a) An apple costs **10** cent. Stephen bought **two** apples. How much did he spend?
  - $10 + 2 = 12$  or   $10 \times 2 = 20$  or   $10 \times 10 = 100$
- (b) Claire has **six** pencils. Pat has **twice** as many pencils. How many pencils does Pat have?
  - $3 \times 2 = 6$  or   $6 \times 2 = 12$  or   $6 \times 6 = 36$
- (c) James bought **two** magazines. They cost **40** cent each. How much did he spend?
  - $40 \times 2 = 80$  or   $40 - 2 = 38$  or   $40 + 2 = 42$
- (d) How many wheels do **five** bicycles have?
  - $5 \times 2 = 10$  or   $5 + 2 = 7$  or   $5 \times 5 = 25$

## 7 What is missing?



- (a) 
$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$
- (b) 
$$\begin{array}{r} 12 \\ \times \quad \\ \hline 24 \end{array}$$
- (c) 
$$\begin{array}{r} \quad \\ \times 2 \\ \hline 20 \end{array}$$
- (d) 
$$\begin{array}{r} \quad \\ \times \quad \\ \hline 22 \end{array}$$

## Rough work



# Thursday Revision of the Week

**1 Ring the words that tell us to multiply**



times

plus

multiply

subtract

find the product

**2 Crack the code!**



Complete the number sentences to crack the code.

$10 \times 2 = \square$  s

$6 \times 2 = \square$  p

$12 \times 2 = \square$  u

$2 \times 2 = \square$  w

$7 \times 2 = \square$  o

$11 \times 2 = \square$  k

$8 \times 2 = \square$  r

$1 \times 2 = \square$  e

!

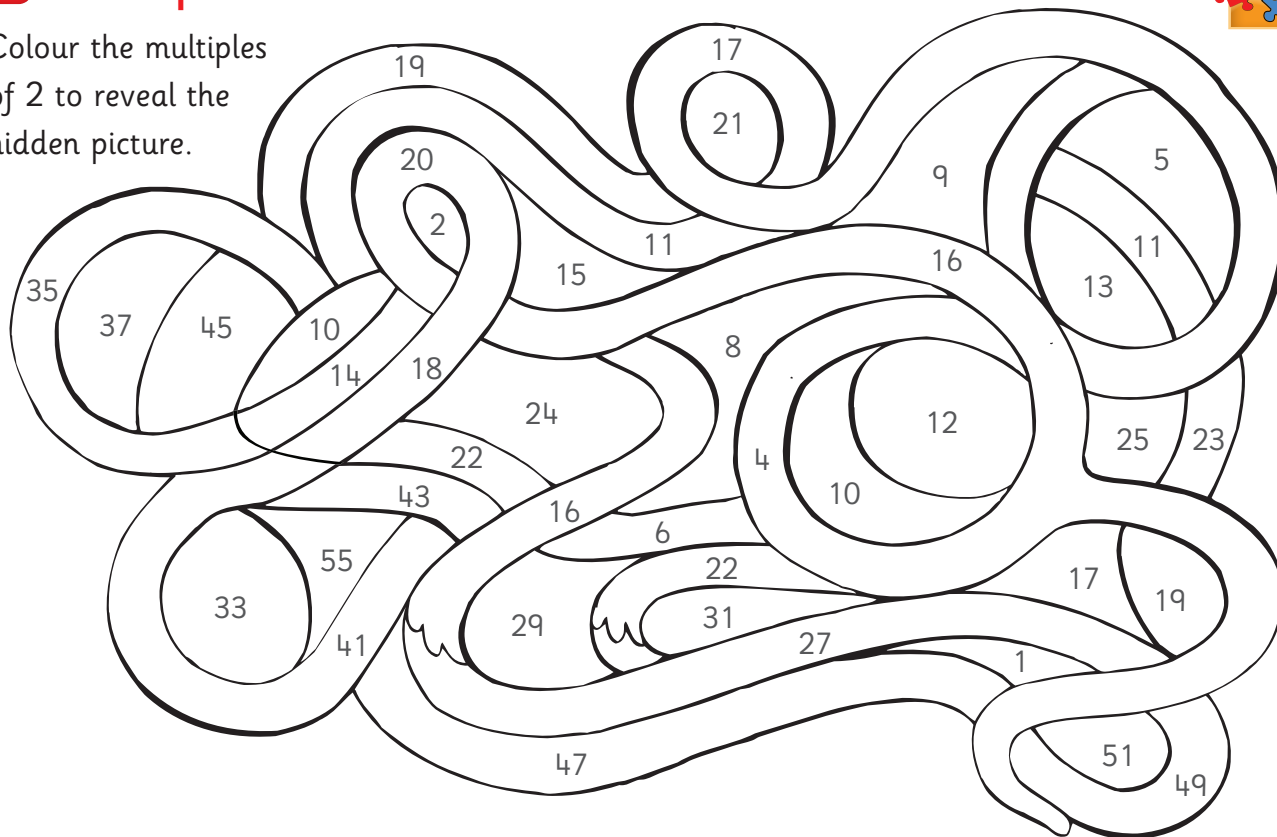
20 24 12 2 16

4 14 16 22

**3 Picture puzzle**



Colour the multiples of 2 to reveal the hidden picture.



**4 Test yourself!**



$2 \times 2 = \square$

$0 \times 2 = \square$

$7 \times 2 = \square$

$10 \times 2 = \square$

$12 \times 2 = \square$

$8 \times 2 = \square$

$11 \times 2 = \square$

$5 \times 2 = \square$

$3 \times 2 = \square$

$1 \times 2 = \square$

$4 \times 2 = \square$

$6 \times 2 = \square$

$9 \times 2 = \square$

My score  / 13

How did you do?



Do Test 1 on page 118.



**Tables Expert C is part of Gill Skills, a series of fun, skills-based activity books from Gill Education. We hope you enjoy learning from this series!**

**Tables Expert is a comprehensive programme covering all mathematical tables. It effectively links tables to other strands and strand units of the maths curriculum and provides problem-solving activities to develop and consolidate mathematical skills and tables learning.**

*Tables Expert C* covers multiplication and division and is colourful, enjoyable and packed full of engaging features:

- Weekly arrangement of work – tables are covered over Monday, Tuesday and Wednesday, with revision on Thursday
- Weekly Friday assessment tests section
- Regular revision sections consolidate learning and assess understanding
- Revision assessments are provided at the end of each revision unit
- Progress charts assist proficiency monitoring.

### Teacher Resources

- Extra digital resources available for the programme on [gillexplore.ie](http://gillexplore.ie) ensure that learning maths tables is always fun!
- *Tables Expert FREE\** teacher's eBook.

\*Free to adopting classes.

### Home/School Links

*Tables Expert Games* and *Sing-along Times Tables* on [gillexplore.ie](http://gillexplore.ie) enable parents to stay actively involved in their child's education and aid continuation of learning outside of the classroom.

### About the Author

Alison MacMahon is an experienced primary school teacher who has taught children at many different class levels in primary school and also worked in learning support. She is the author of the bestselling *Craic le Litríú* series.



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