

Multiplication tables

completed copy
of RM 2, calculator

- 1 Write the missing products from these parts of a completed multiplication square.

The first one is started for you.

Afterwards, check your answers using your completed square on RM 2.

Use this to help you.

10										
9										
8										
7										
6										
5										
4										
3										
2										
1										
X	1	2	3	4	5	6	7	8	9	10

a

6	y
4	6
x	3

x → 2
y →

b

x		
28	35	y
24		

c

x	56
	48
y	45

d	21	y
x	18	24

e

40		
x		
24	y	30

f

18		30
15	x	25
	y	

g	28	x	42	y	56	
					48	z

h

x			
27	y	45	54
24			z
			42

i

15	x	25
		y
12	z	

k

16	20	x	28
y		18	z
8			

j

			x
	42	49	
	36	42	
		30	
z			

- 2 Alex took this cross from the multiplication square. When she added the numbers in this way she found that each total was double the number in the middle of the cross.

$$4 + 8 = 12$$

$$9 + 3 = 12$$

$$6 \times 2 = 12$$

Does this always happen?

Choose 10 other crosses and write about what you find.

		9		
4		6		8
		3		

CHALLENGE

Find out what happens if you start with larger crosses instead.