

5

MULTIPLICATION AND DIVISION (I)

White
Rose
Maths



From White Rose Maths schemes for Year 5 Autumn Term
BLOCK 4 - MULTIPLICATION AND DIVISION (I)

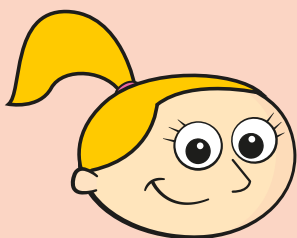
1 Circle all the multiples of 5

22 45 48 93 235 800

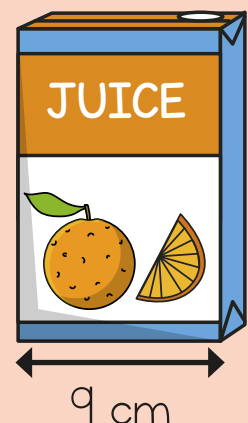
2 Write one number less than 50 in each box.

	Multiple of 7	Not a multiple of 7
Square number		
Not a square number		

3 One carton of juice is 9 cm wide.



I have made a line of cartons that is 180 cm long.

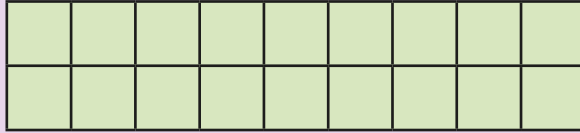
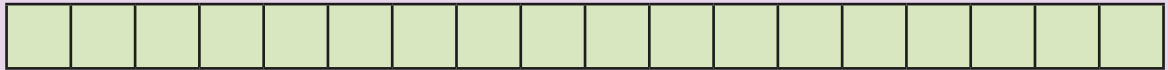


How many cartons of juice has Eva used?

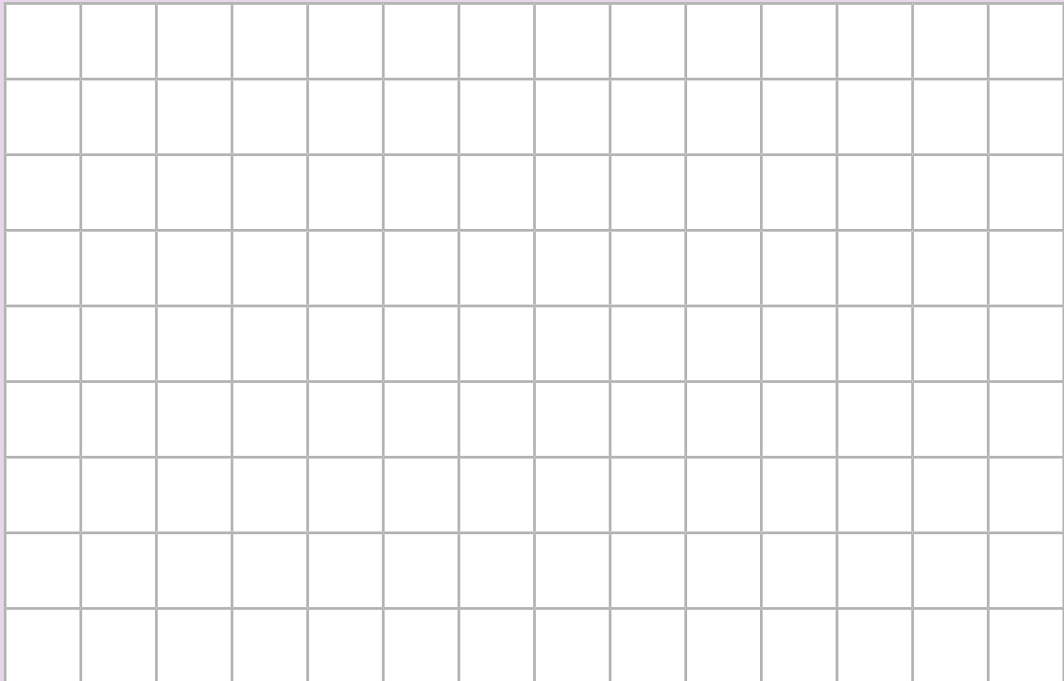
cartons

4

Amir arranges 18 square tiles to make some arrays.

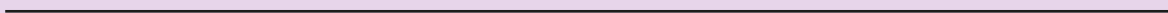


Draw another array of 18 tiles that is different from the ones above.



Write all the factors of 18

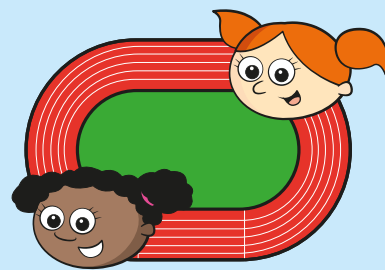
You can use the arrays to help you.



5 Alex runs 600 m.

Whitney runs 10 times as far as Alex.

How much further does Whitney run than Alex?



6 Jack shades the prime numbers on part of a hundred square.

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

He has missed two prime numbers.

Shade the prime numbers that Jack has missed.

7 Use the cards to complete the calculations.

$\div 10$

$\times 10$

$\times 100$

$\div 100$

392,000 = 3,920

392,000 = 39,200

3,920 = 392,000

3,920 = 39,200

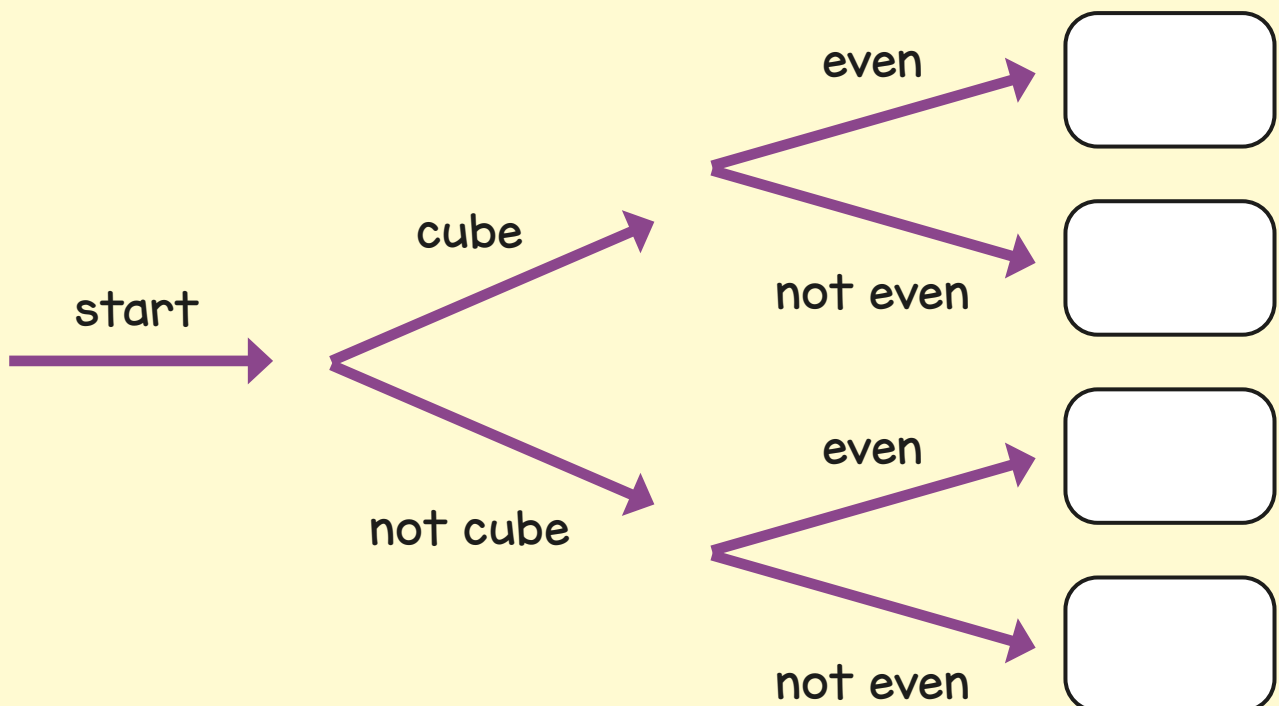
8 Write each number in its correct place on the diagram.

8

25

82

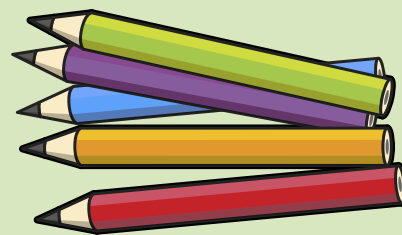
125



9 A pencil case has 30 pencils in it.

A box contains 23 pencil cases.

How many pencils are in the box?



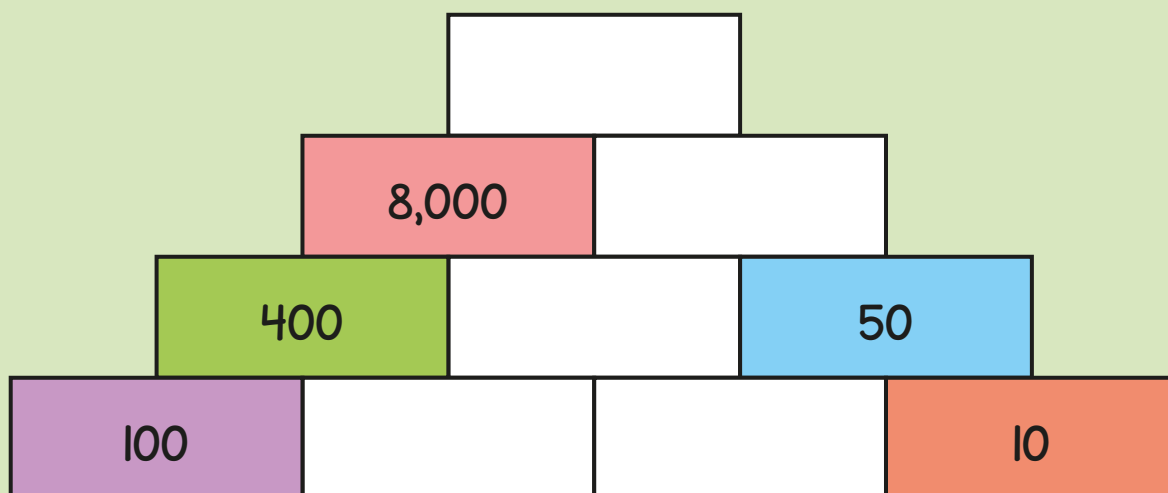
10 Write a digit in each box to complete the number sentence.

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} - 8 = \square$$

2-digit prime
number

1-digit square
number

11 Complete the multiplication pyramid.



Answers



1 45 235 800

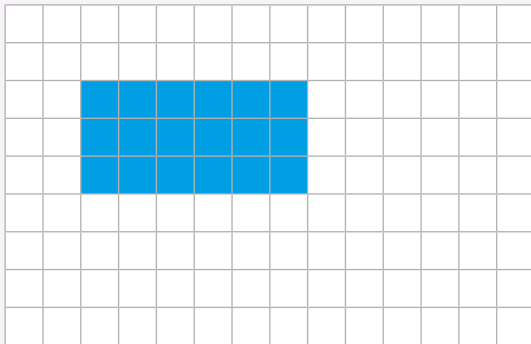
2

	Multiple of 7	Not a multiple of 7
Square number	49	1, 4, 9, 16, 25, 36
Not a square number	14, 21, 28, 35, 42	e.g. 26

3

20 cartons

4



1, 2, 3, 6, 9, 18

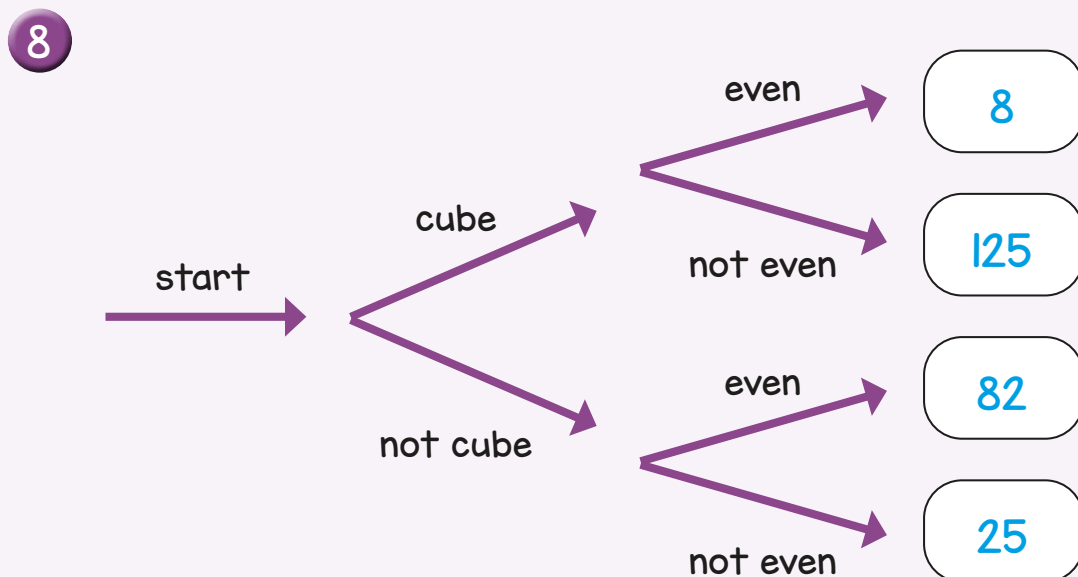
5

5,400 m

6

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

- 7 $392,000 \div 100 = 3,920$
 $3,920 \times 100 = 392,000$
 $392,000 \div 10 = 39,200$
 $3,920 \times 10 = 39,200$



9 690 pencils

10 $17 - 8 = 9$

