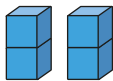
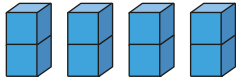


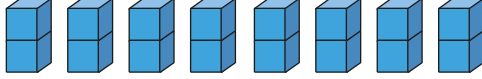
The 2, 4 and 8 times-tables

Key learning

- Complete the multiplications.

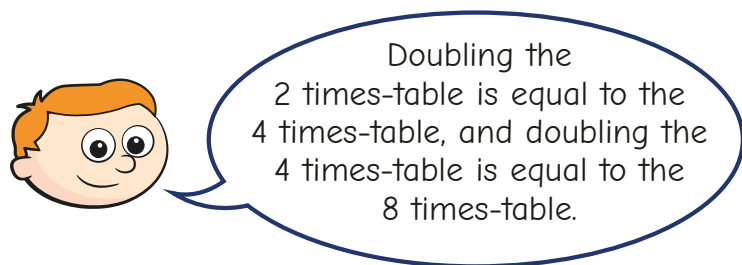
▶ $2 \times 2 = \underline{\quad}$ 

▶ $2 \times 4 = \underline{\quad}$ 

▶ $2 \times 8 = \underline{\quad}$ 

What do you notice?

- Ron is looking at the 2, 4 and 8 times-tables.



Use Ron's method to complete the calculations.

▶ $6 \times 2 = \underline{\quad}$ ▶ $8 \times 2 = \underline{\quad}$ ▶ $11 \times 2 = \underline{\quad}$
 $6 \times 4 = \underline{\quad}$ $8 \times 4 = \underline{\quad}$ $11 \times 4 = \underline{\quad}$
 $6 \times 8 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$ $11 \times 8 = \underline{\quad}$

- Complete the table.

$\times$	2	4	8
5	10		
		28	
			72

What do you notice?

- Here are some number cards.

100	200	50	25
-----	-----	----	----

Choose a number to complete the sentence.

$400 \div 2 = 200$, so $400 \div 8 = \underline{\quad}$

- Match the equivalent calculations.

7×8	halve 72, then halve it again
7×4	$2 \times 7 \times 4$
$72 \div 4$	$2 \times 7 \times 2$
$72 \div 8$	$72 \div 2 \div 4$

The 2, 4 and 8 times-tables

Reasoning and problem solving

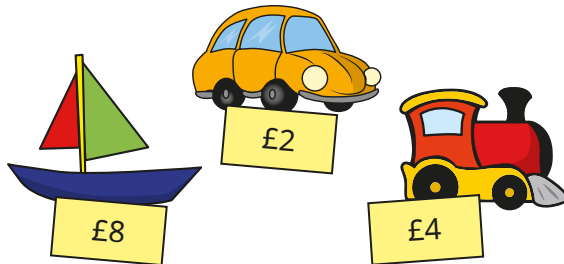
Is the statement true or false?

All multiples of 4 are
multiples of 2 and 8

Explain your answer.



A shop sells toy boats, cars
and trains.



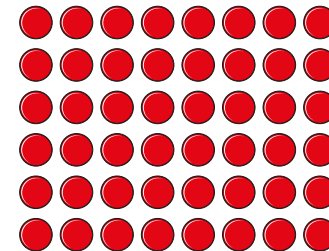
Whitney spends exactly £24 in the shop.

What could Whitney have bought?

Is there more than one answer?



Here is an array.



Teddy

I can see
 8×6



Whitney

I can see
 6×8



Dexter

I can see 2
lots of 6×4

Use counters to make the array.

What else can you see?