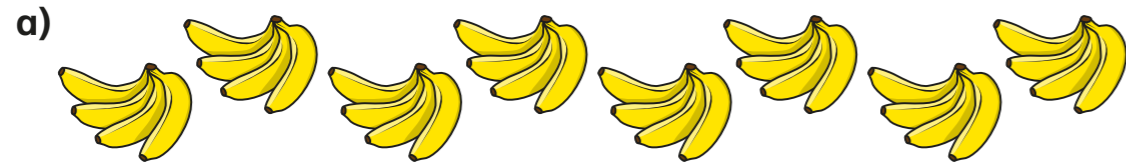
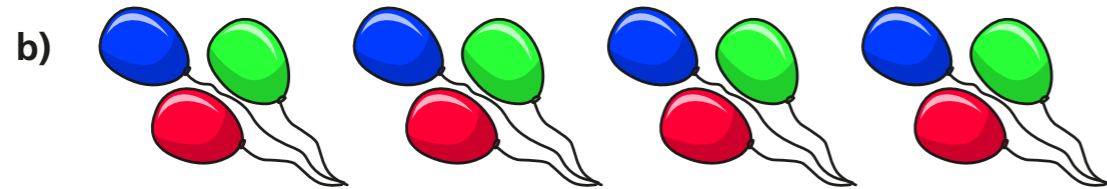


# The 4 times-table

1 Complete the multiplication.



$$\boxed{8} \times \boxed{4} = \boxed{32}$$



$$\boxed{4} \times \boxed{3} = \boxed{12}$$

2 Complete the number sentences.

a)  $6 \times 4 = \boxed{24}$

g)  $24 \div 4 = \boxed{6}$

b)  $4 \times 3 = \boxed{12}$

h)  $8 \div 4 = \boxed{2}$

c)  $\boxed{28} = 7 \times 4$

i)  $0 \div 4 = \boxed{0}$

d)  $4 \times \boxed{12} = 48$

j)  $\boxed{44} \div 11 = 4$

e)  $0 \times 4 = \boxed{0}$

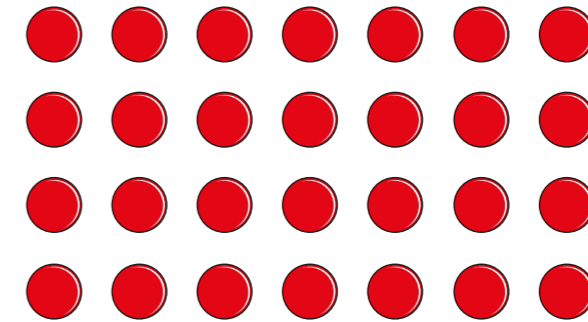
k)  $\boxed{20} \div 4 = 5$

f)  $4 \times 9 = \boxed{36}$

l)  $1 \times 4 = \boxed{4}$

3 What multiplication and division statements does the array represent?

Complete the statements.



$$\boxed{4} \times \boxed{7} = \boxed{28}$$

$$\boxed{7} \times \boxed{4} = \boxed{28}$$

$$\boxed{28} \div \boxed{7} = \boxed{4}$$

$$\boxed{28} \div \boxed{4} = \boxed{7}$$

4 Complete the number sentences.

a)  $2 \times 4 = \boxed{8}$

c)  $3 \times 4 = \boxed{12}$

$4 \times 4 = \boxed{16}$

$3 \times 8 = \boxed{24}$

$8 \times 4 = \boxed{32}$

$3 \times 12 = \boxed{36}$

b)  $8 = 4 \times \boxed{2}$

$16 = 4 \times \boxed{4}$

$32 = 4 \times \boxed{8}$

What patterns do you notice?



5 Write  $<$ ,  $>$  or  $=$  to compare the statements.

- a)  $48 \div 12$   $(=)$   $4$                       d)  $4 \div 4$   $(<)$   $4 \times 4$   
 b)  $36$   $(>)$   $40 \div 4$                       e)  $1 \times 4$   $(=)$   $4 \times 1$   
 c)  $16 \div 4$   $(<)$   $4 \times 4$                       f)  $4 \times 2$   $(=)$   $32 \div 4$

6 A paper clip is 4 cm long.



How long are 6 of these paper clips?

24cm

7 Dexter buys 10 mugs and 4 key rings.  
How much money does he spend in total?



£52

8 The pictogram shows the animals a group of children have as pets.

Complete the pictogram.

Animal	Pictogram	Number of animals
cat		16
dog		28
bird		20
mouse		4

= 4 animals

9

Teddy: Some of the numbers in the 4 times-table are even, but not all of them.

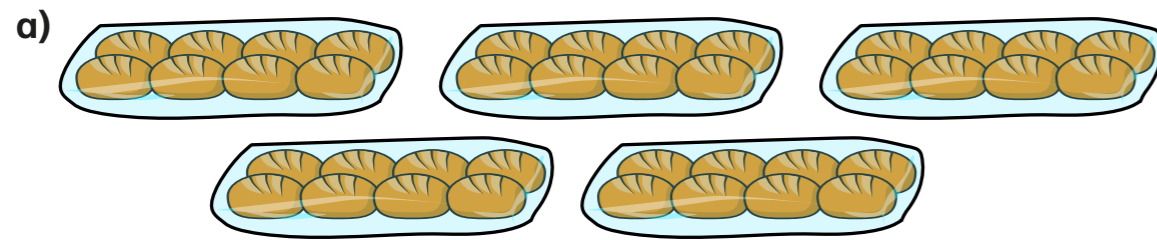
Eva: All numbers in the 4 times-table are even.

Who is correct? Eva

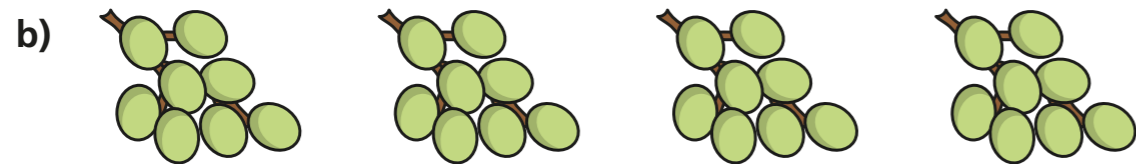
How do you know? Talk about it with a partner.

# The 8 times-table

1 How many are there in total?  
Complete the multiplications.



$$\boxed{5} \times \boxed{8} = \boxed{40}$$



$$\boxed{4} \times \boxed{8} = \boxed{32}$$

2 Complete the number tracks.

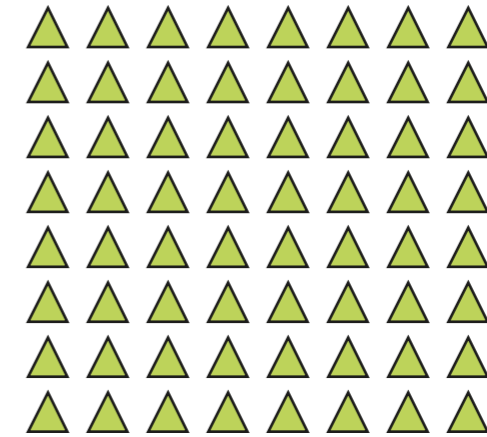
a) 

0	8	16	24	32	40	48	56
---	---	----	----	----	----	----	----

b) 

96	88	80	72	64	56	48	40
----	----	----	----	----	----	----	----

3 Here is an array made up of triangles.



a) What multiplication sentence can you see?

$$\boxed{8} \times \boxed{8} = \boxed{64}$$

b) What division sentence can you see?

$$\boxed{64} \div \boxed{8} = \boxed{8}$$

4 Complete the calculations.

Try to do the calculations in your head.

a)  $6 \times 8 = \boxed{48}$

e)  $72 \div 8 = \boxed{9}$

b)  $8 \times \boxed{7} = 56$

f)  $\boxed{88} \div 11 = 8$

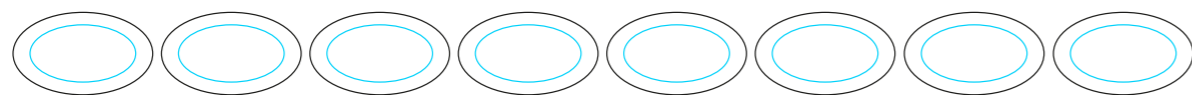
c)  $10 \times 8 = \boxed{80}$

g)  $\boxed{40} \div 8 = 5$

d)  $\boxed{32} = 8 \times 4$

h)  $8 \times 1 = \boxed{8}$

5 What multiplication can you see?



6 Complete the multiplications.

a)  $2 \times 8 = 16$

b)  $8 = 8 \times 1$

$4 \times 8 = 32$

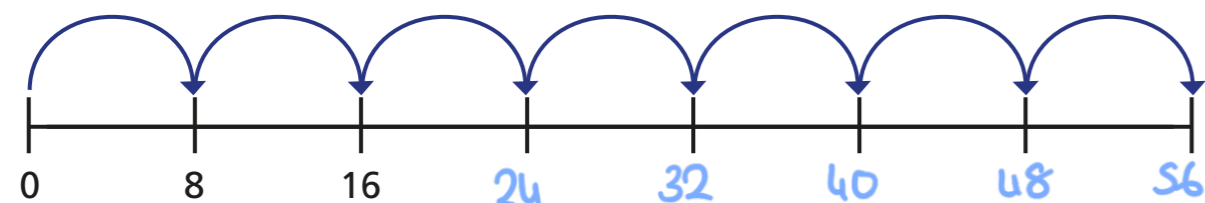
$16 = 8 \times 2$

$8 \times 8 = 64$

$32 = 8 \times 4$

What patterns do you notice?

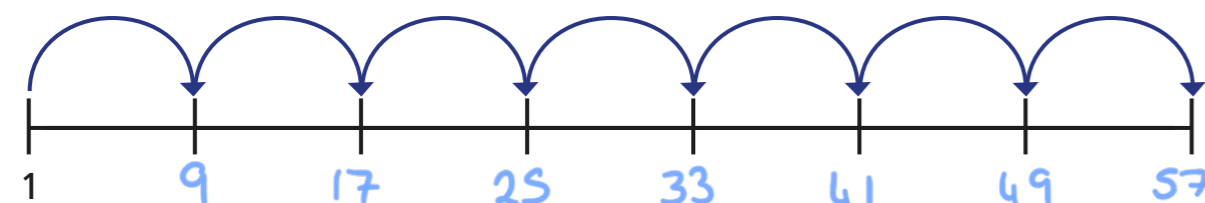
7 a) Amir draws 7 jumps of 8 on a number line.



What number does Amir end on? 56

Explain how you worked it out.

b) This time, Amir makes 7 jumps of 8, but starts from 1



What number does Amir end on this time? 57

Explain how you know.

8 Boats can be hired on a lake.

There are 5 large boats and 8 small boats on the lake.

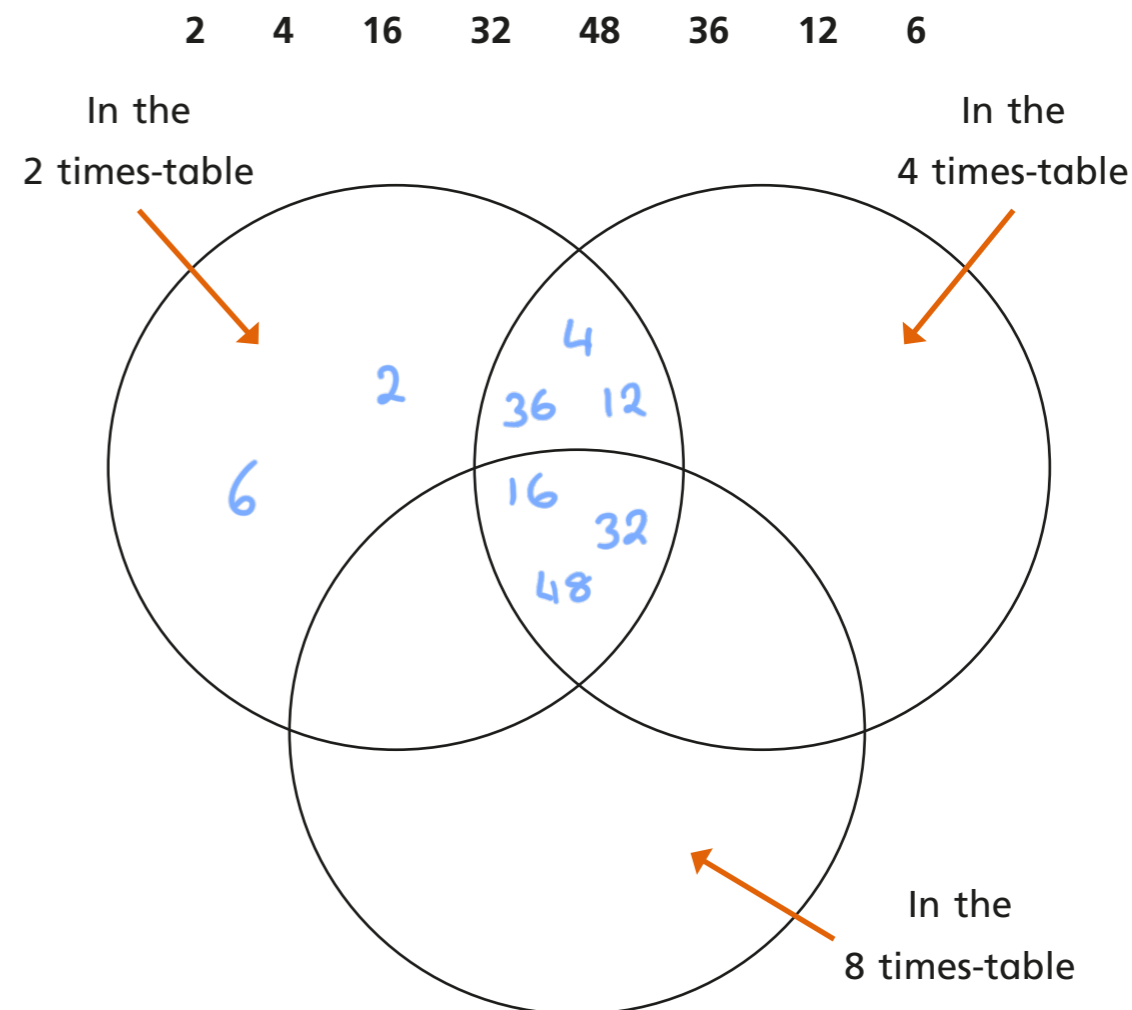
Each boat is full.

How many people are on the lake?

72



8 Put the numbers into the sorting diagram.



Are any of the parts empty? Why?

Talk about it with a partner.