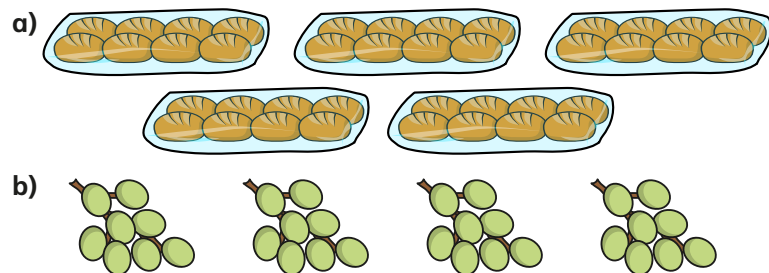


1 What multiplications are represented?



2 Complete the number tracks.

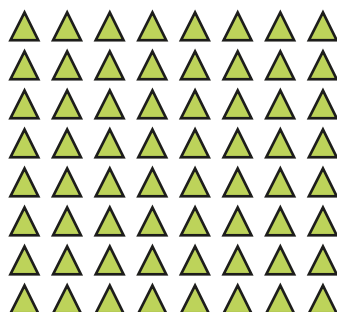
a)

0	8	16	24				
---	---	----	----	--	--	--	--

b)

96	88	80					
----	----	----	--	--	--	--	--

3 Here is an array made up of triangles.



- a) What multiplication sentence can you see?
- b) What division sentence can you see?

4 Complete the calculations in your head.

- a) $6 \times 8 = \square$ d) $\square = 8 \times 4$ g) $\square \div 8 = 5$
- b) $8 \times \square = 56$ e) $72 \div 8 = \square$ h) $8 \times 1 = \square$
- c) $10 \times 8 = \square$ f) $\square \div 11 = 8$

5 What multiplication can you see?

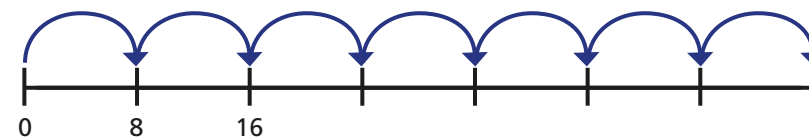


6 Complete the multiplications.

- a) $2 \times 8 = \square$ $4 \times 8 = \square$ $8 \times 8 = \square$
- b) $8 = 8 \times \square$ $16 = 8 \times \square$ $32 = 8 \times \square$

What patterns do you notice?

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



What number does Amir end on?

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?

Explain how you know.

4 Complete the calculations in your head.

a) $6 \times 8 = \square$

d) $\square = 8 \times 4$

g) $\square \div 8 = 5$

b) $8 \times \square = 56$

e) $72 \div 8 = \square$

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5 What multiplication can you see?



6 Complete the multiplications.

a) $2 \times 8 = \square$

$4 \times 8 = \square$

$8 \times 8 = \square$

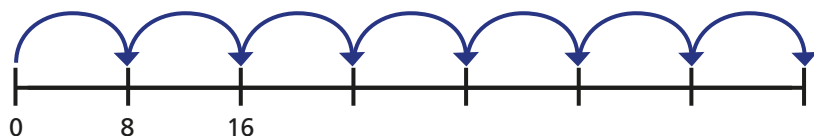
b) $8 = 8 \times \square$

$16 = 8 \times \square$

$32 = 8 \times \square$

What patterns do you notice?

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What number does Amir end on this time?

Explain how you know.

8 Boats can be hired on a lake.

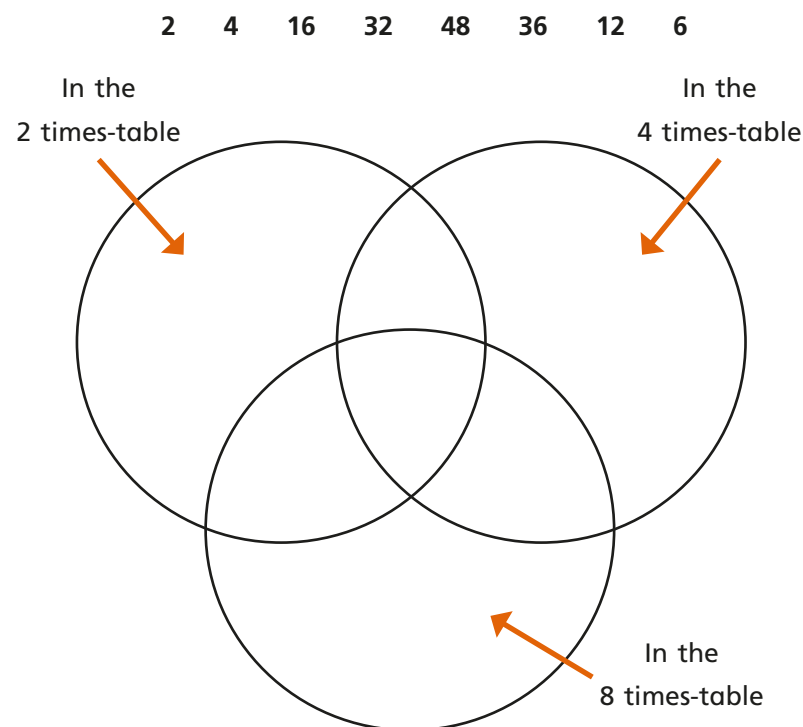
There are 5 large boats and 8 small boats on the lake.

Each boat is full.

How many people are on the lake?



9 Put the numbers into the sorting diagram.



Are any of the parts empty? Why?

Talk about it with a partner.