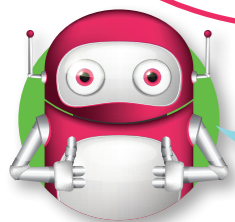
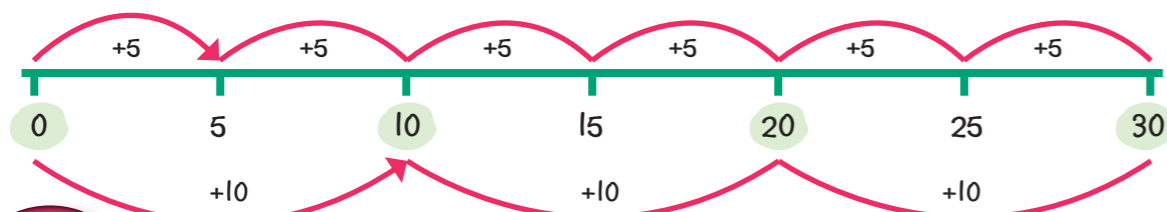


# Counting in multiples

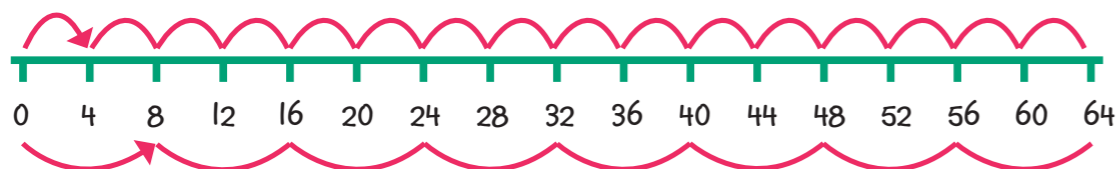
## Learn

You can count in multiples of 5 and 10 on a number line.



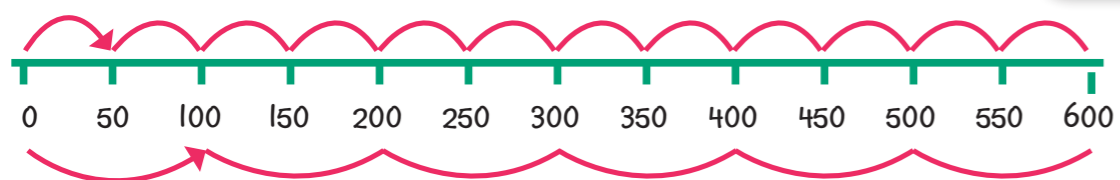
When you count in multiples of 10, you visit every other multiple of 5.

You can also count in multiples of 4 and 8 on a number line.



Look carefully at the two counts. What do you notice?

This number line shows how we count in multiples of 50 and 100.



What do you notice about these two counts?

Every other multiple of 4 is also a multiple of 8.

Every other multiple of 50 is also a multiple of 100.

### Tip

Double a multiple of 4 to find the multiple of 8.

$$6 \times 4 = 24 \quad 6 \times 8 = 48$$

Double a multiple of 50 to find the multiple of 100.

$$4 \times 50 = 200 \quad 4 \times 100 = 400$$

Hello! Here are some tips on multiples!



## Talk maths

Read these counts out loud.

Count in 4s:	0	4	8	12	16	20	24	28	32	36	40
Count in 8s:	0	8	16	24	32	40	48	56	64	72	80
Count in 100s:	0	100	200	300	400	500	600	700	800	900	1000
Count in 50s:	0	50	100	150	200	250	300	350	400	450	500

### Did you know?

Did you know that you can count in thousands in the same way?  
0, 1000, 2000, 3000, 4000, 5000

## Activities



Copy these counts and add the missing numbers.

- 8, \_\_, 12, 20, \_\_, \_\_, \_\_
- 16, 24, \_\_, \_\_, \_\_, 56, \_\_
- 150, 200, 250, \_\_, \_\_, \_\_
- 300, 400, \_\_, \_\_, \_\_, \_\_, 900
- 1000, 900, 800, \_\_, \_\_, \_\_, \_\_

## Problems



### Brain-teaser

Sally writes all the multiples of 50, from 0 to 600. Which numbers does she write?

### Brain-buster

Jon counts in 4s. Paul counts in 8s. They both start on 16 and they finish on 48. Which numbers do they both say?