

**Alavi**

**21st Century Schools**



MATHEMATICS

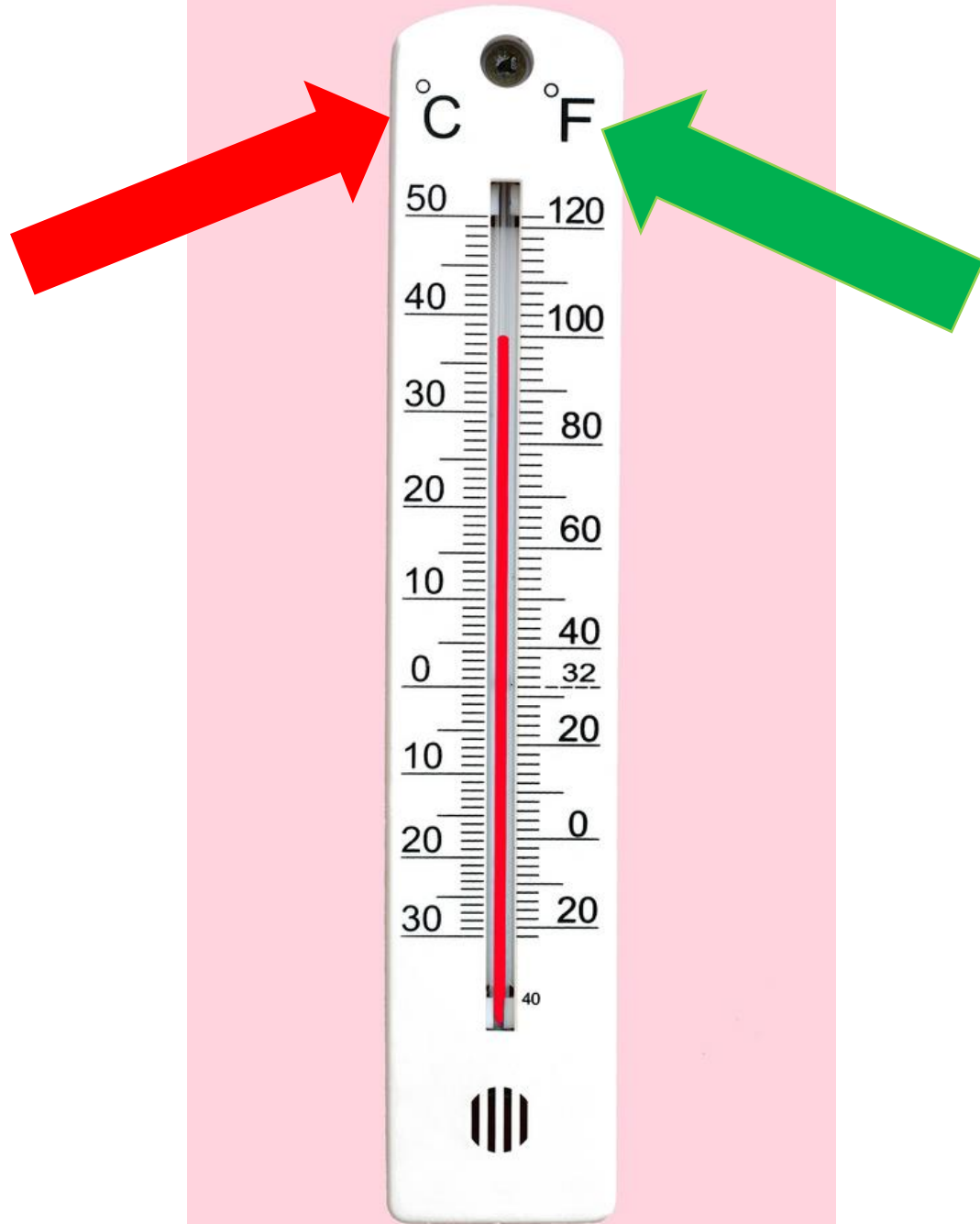


A horizontal orange scroll graphic with a dark orange outline. The scroll is unrolled in the center, with the top and bottom edges curled up. The text "Session 8" is written in white on the unrolled portion.

# Session 8



Name the arrows.



What's the temperature?

$20^{\circ}C$  /  $0^{\circ}C$  /  $-4^{\circ}F$  /  $32^{\circ}F$

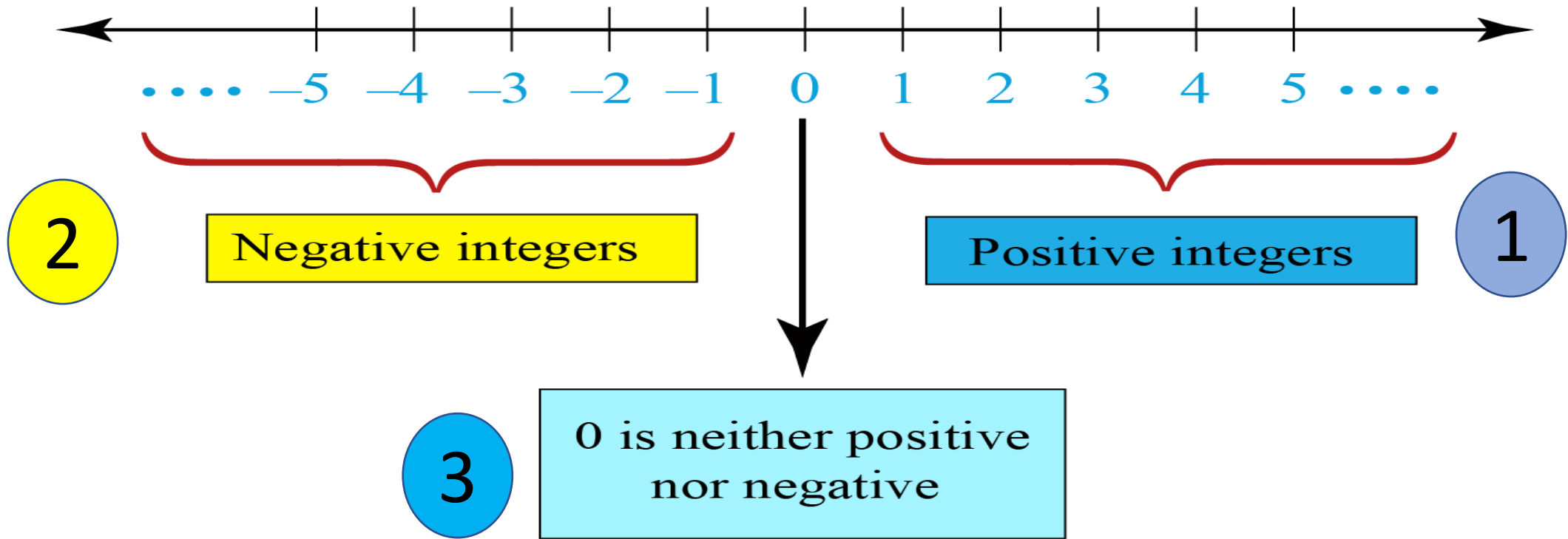
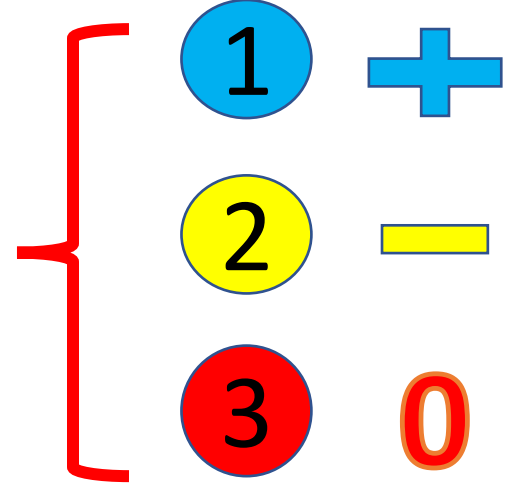
Today the temperature is 10 degrees C.  
Tomorrow it will be 2 degrees warmer. What  
will be tomorrow's temperature?

Today the temperature is  $-10$  degrees C.  
Tomorrow it will be 5 degrees warmer. What  
will be tomorrow's temperature?



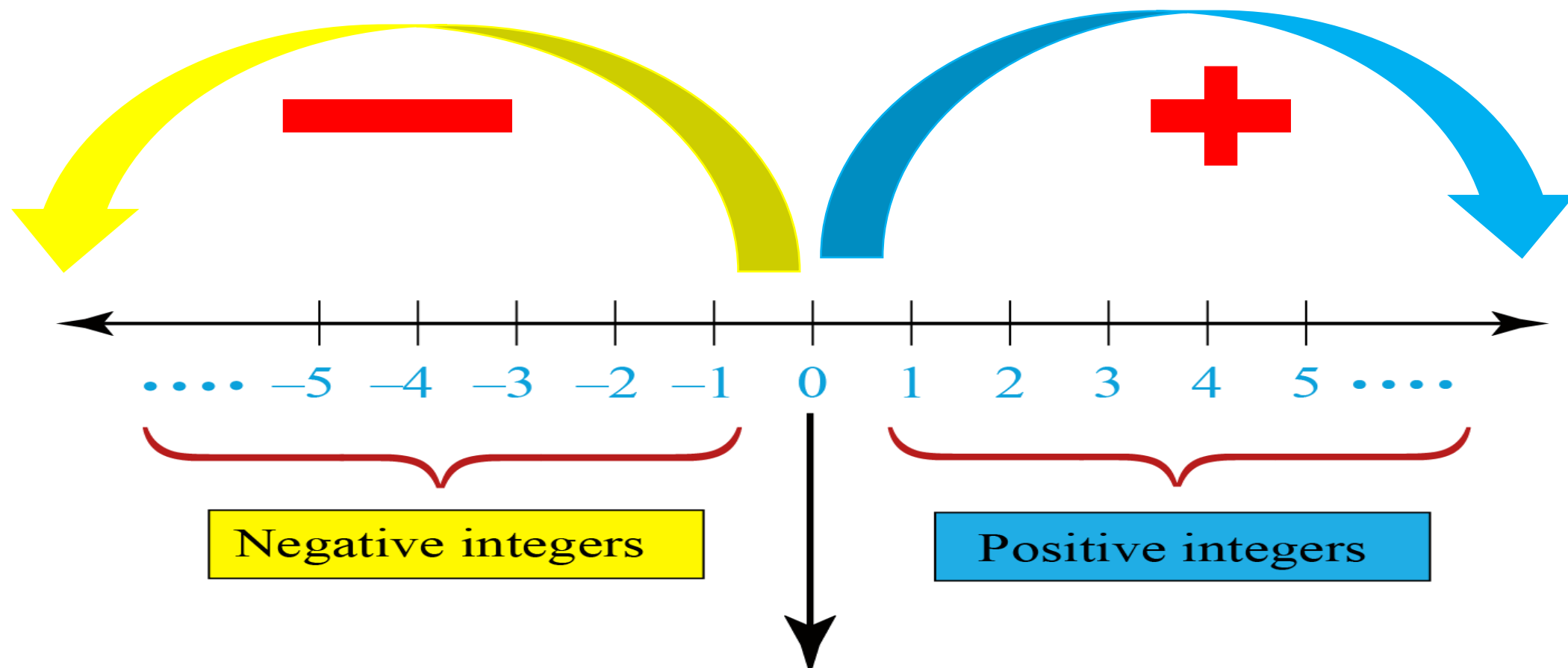
Today the temperature is 18 degrees C.  
Yesterday it was 20 degrees colder.  
What was yesterday's temperature?

# What's an integer?



numbers before 0

numbers after 0



Which number is marked on the number line?



Which number is marked on  
the number line?

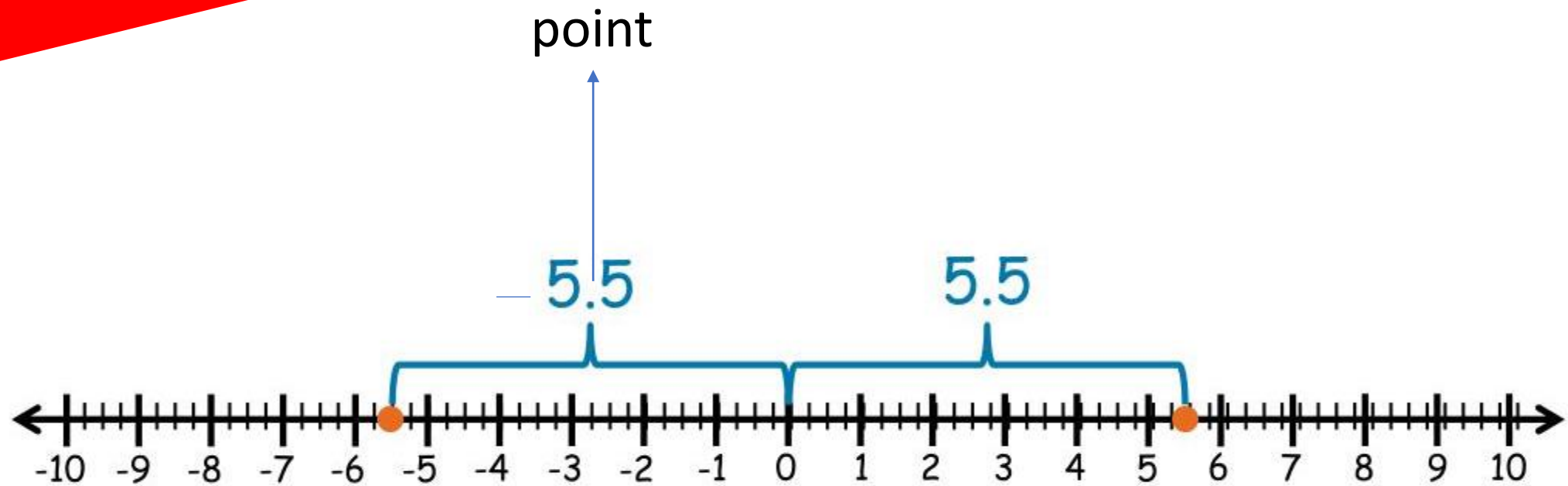
negative 2



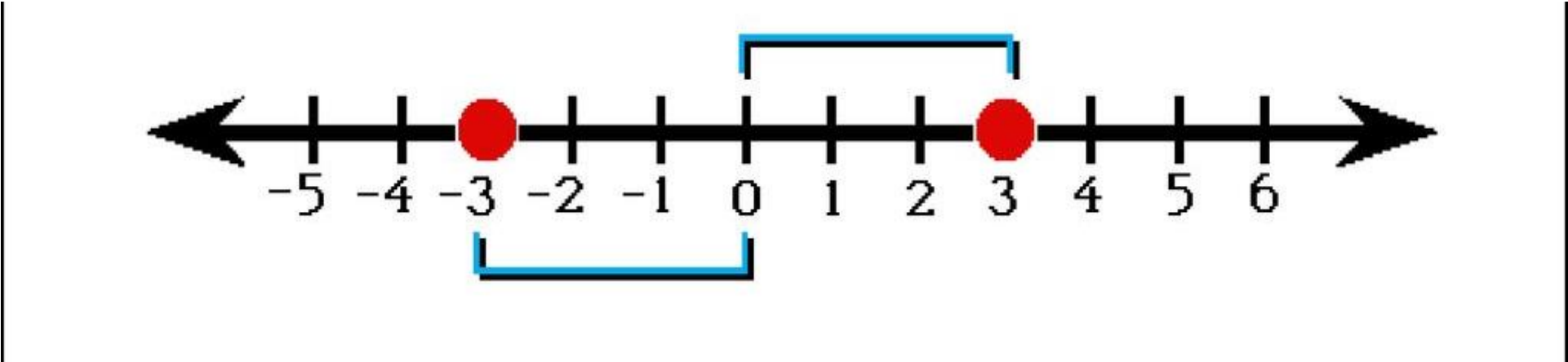
Which number is marked on the number line?



Which numbers are marked on the number line?

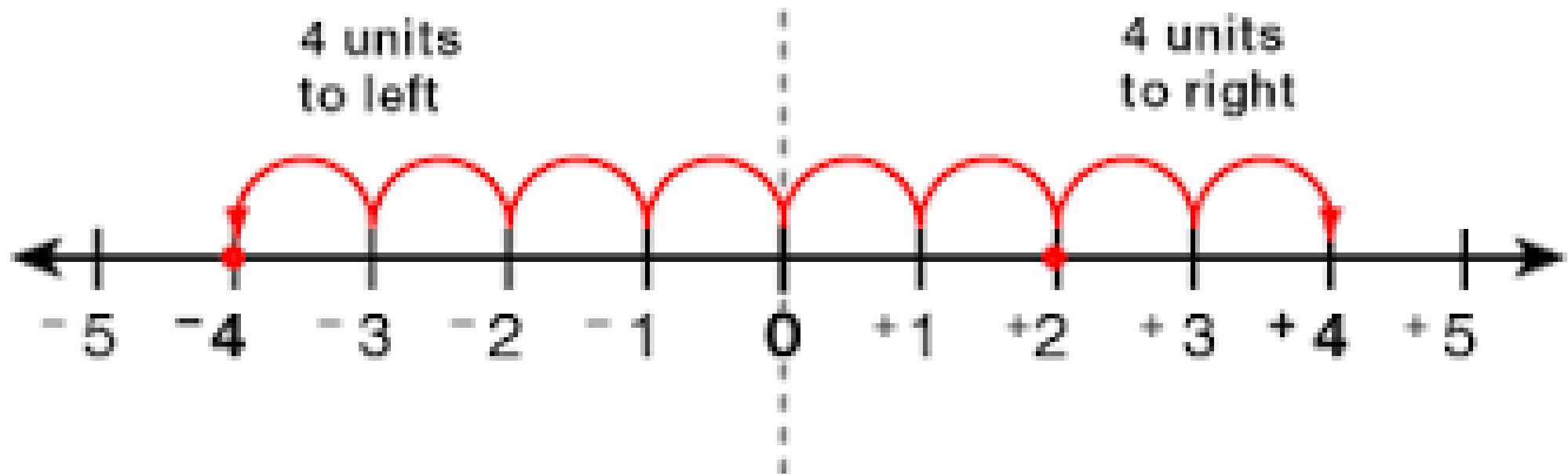


$-5.5$  and  $+5.5$  are **opposite** integers.



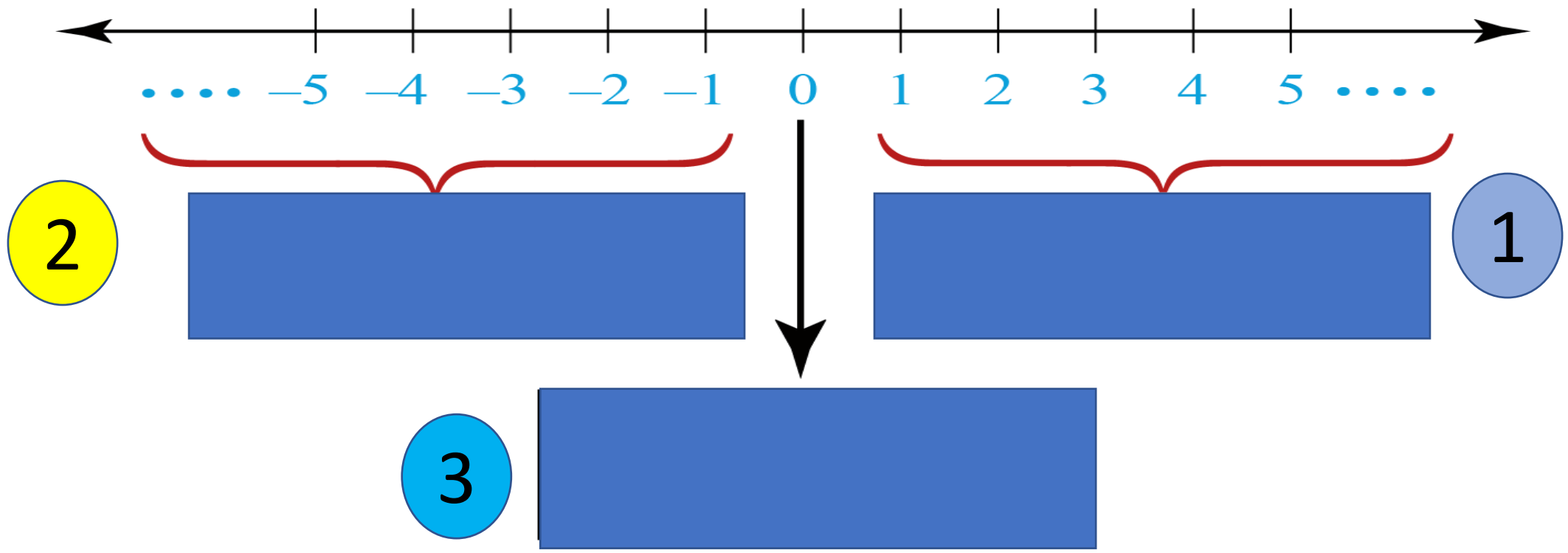
-3 and 3 are **opposite** integers.





-4 and 4 are **opposite** integers.

# Name the integers.



Which numbers are marked on the number line?



What are **the opposite integers** of these numbers?

10

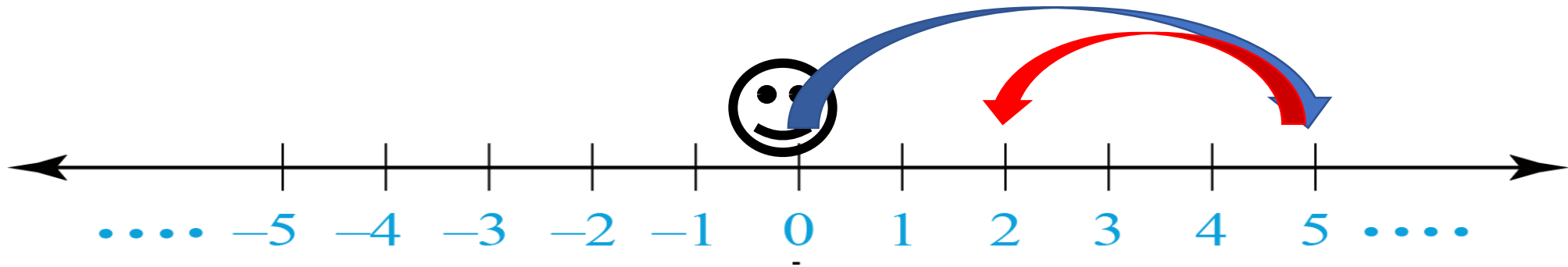
- 5.5

- 35

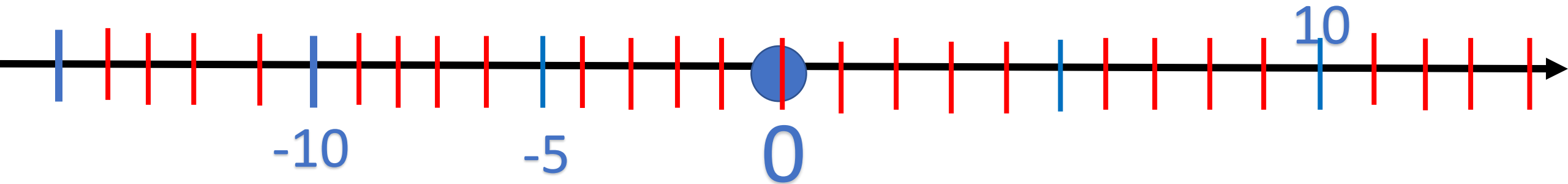
25

Jump on the number line.  
What's the final number?

You are standing on 0. First do 1 jump of +5. Then do 3 jumps of -3.  
What's the number?



You are standing on 10. First do 1 jump the size of the negative integer of 10. Then do 3 jumps of -5. What's the number?



You are standing on  $-13$ . First do 2 jumps of 10. Then do 2 jumps of  $-3$ . What's the number?

Draw the number line and integers.



You are standing on  $-5$ . First do 2 jumps of 3. Then do 1 jump the size of negative integer of 5. What's the number?

Draw the number line and integers.

