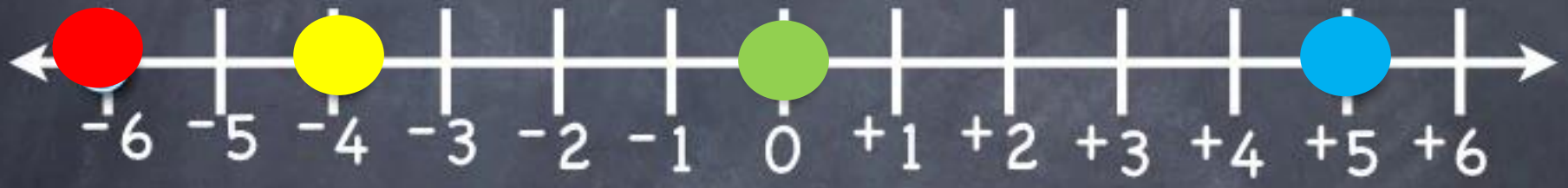
Session 10

compare

Putting Integers in Order

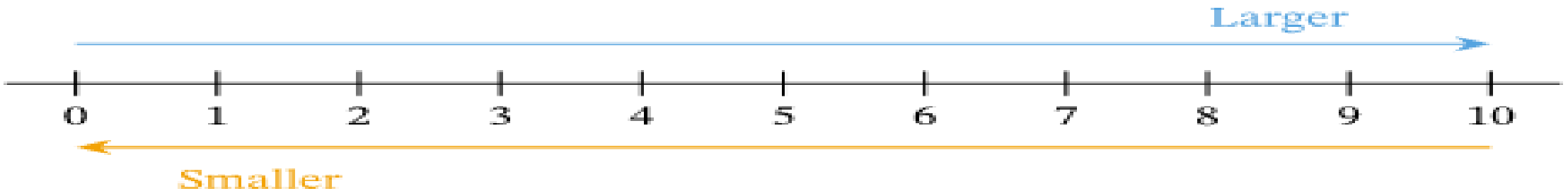
Order -4, 0 +5, and -6 from least to greatest

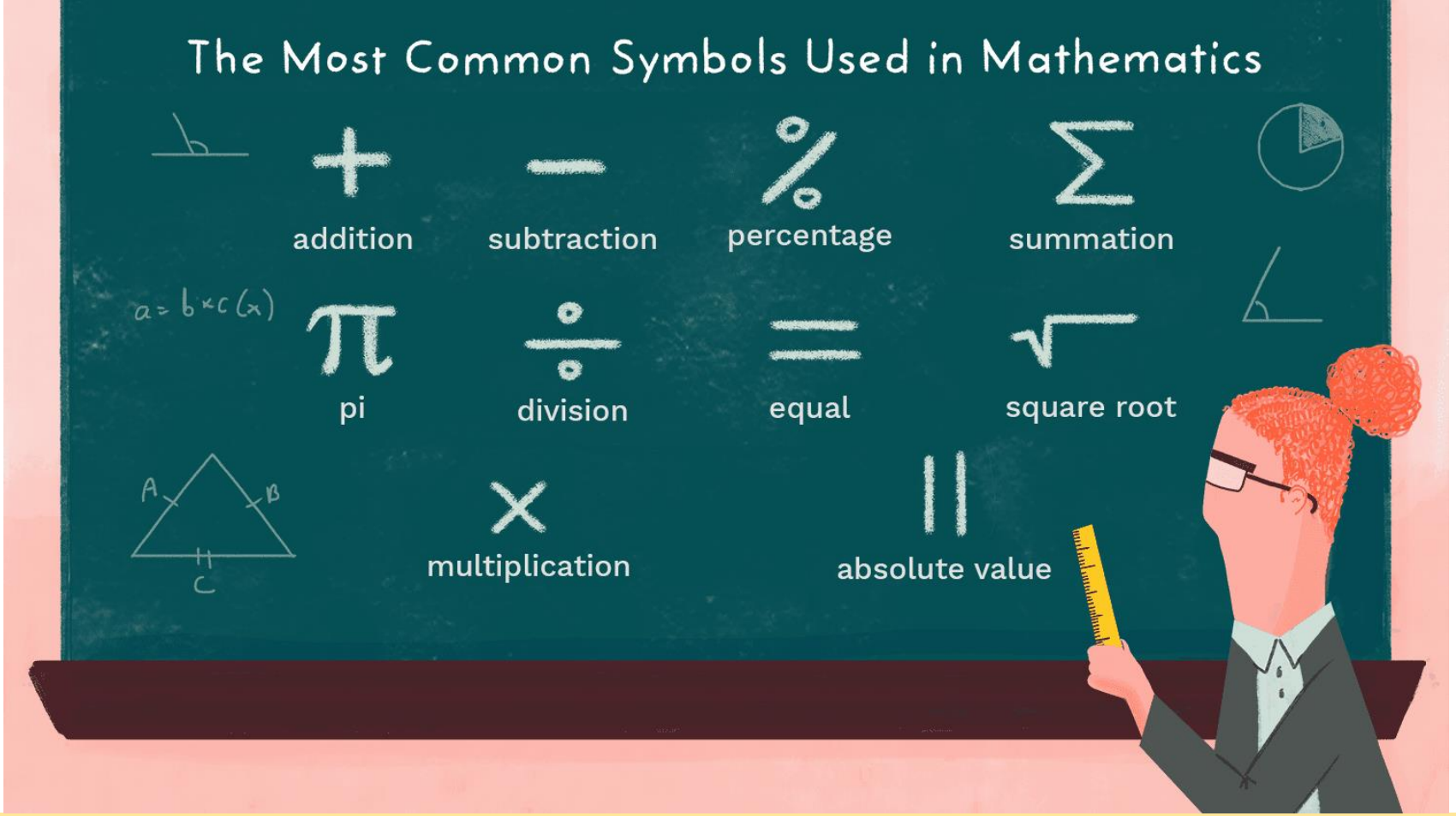
Use a number line!



Start with the integers on the LEFT since they're the smallest integers.

from left to right,
the smallest …..the greatest




The Most Common Symbols Used in Mathematics
addition
subtraction
percentage
summation
pi
division
equal
square root
multiplication
absolute value

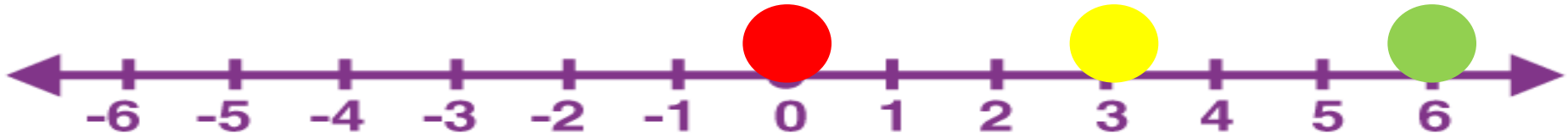
symbol

Let's compare positive integers.

$5 > 3 > 0$

Which integer the smallest?
Which integer is the greatest?

from left to right,
the smallest .....the greatest



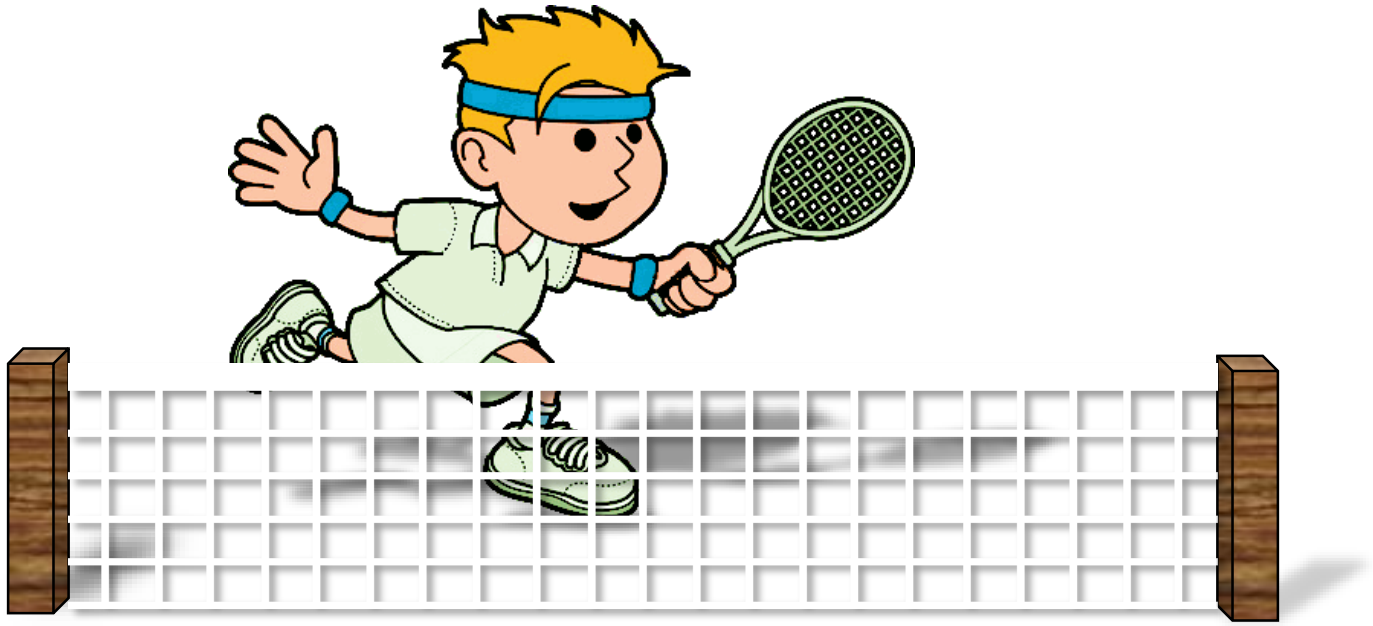
Let's compare negative integers.

$-6 < -3 < -1$

Which integer the smallest?
Which integer is the greatest?

from left to right,
the smallest …..the greatest

The greatest integer is 5.

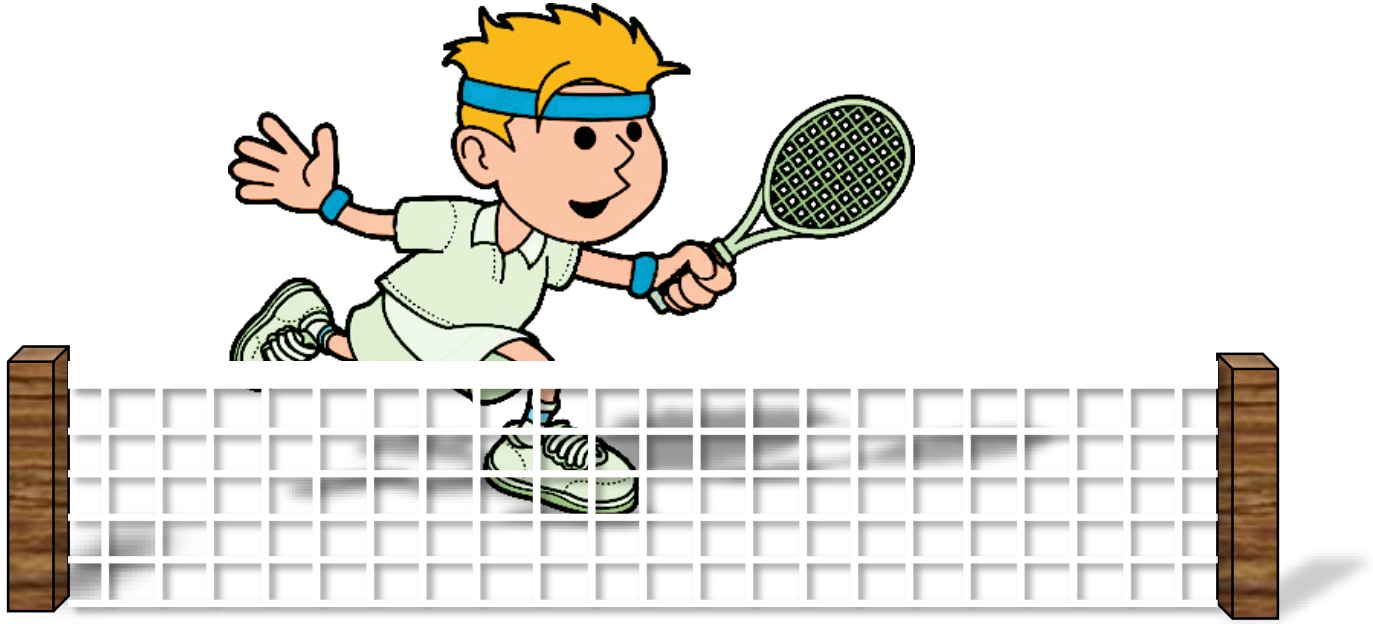


-5

0

5

The least integer is _____-25_____.

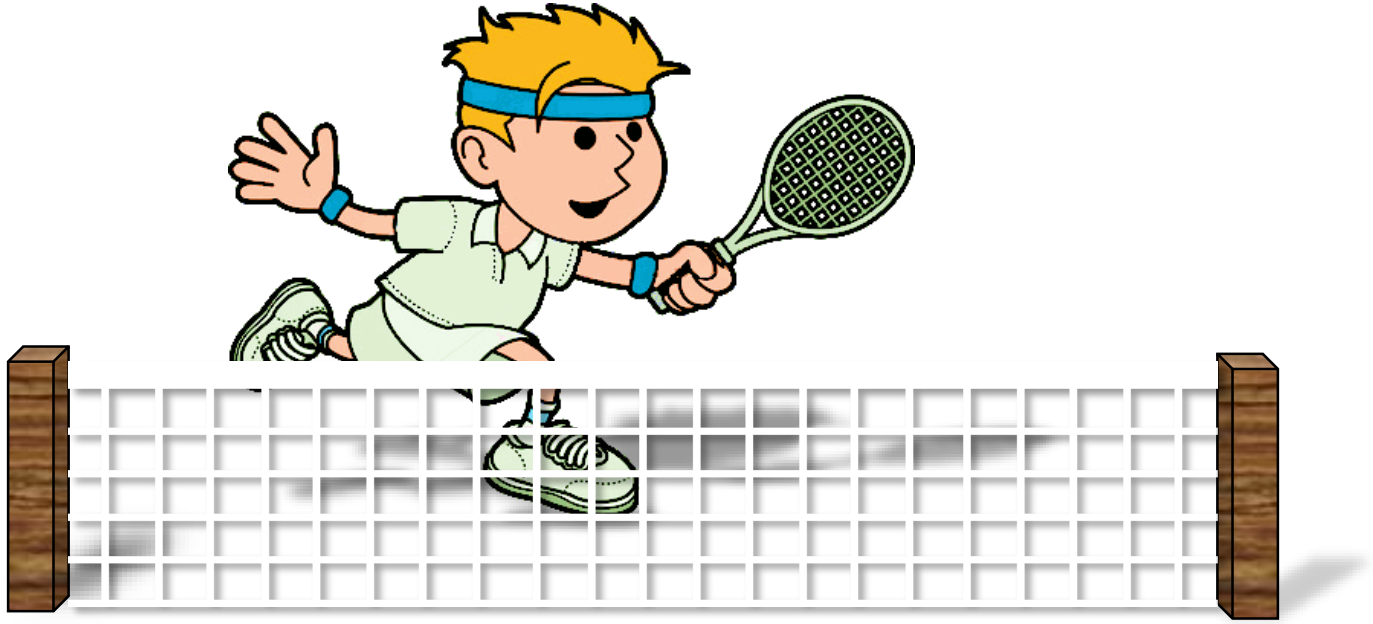


-18

-25

3

The greatest integer is 2.

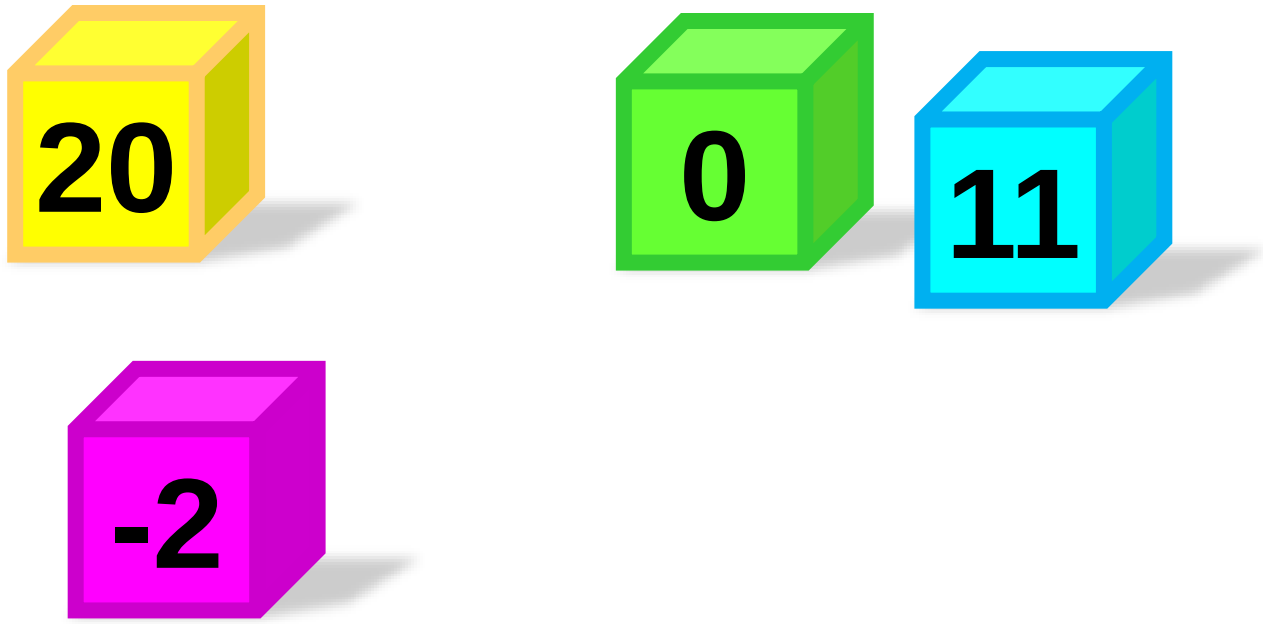


-100

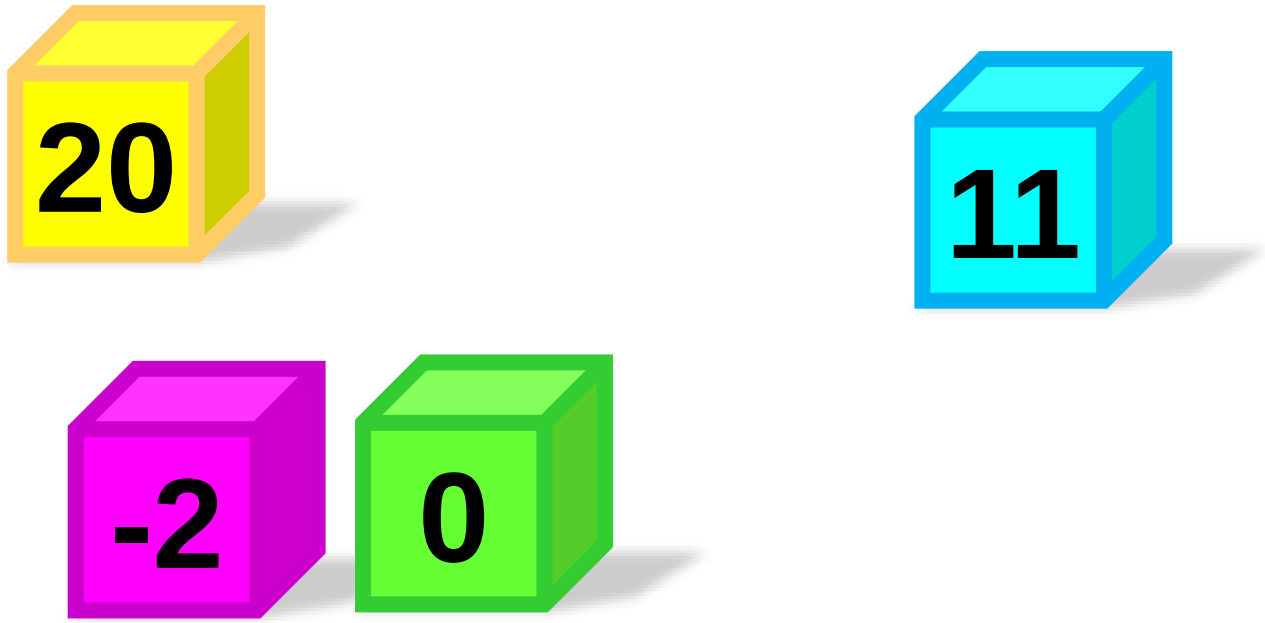
2

-12

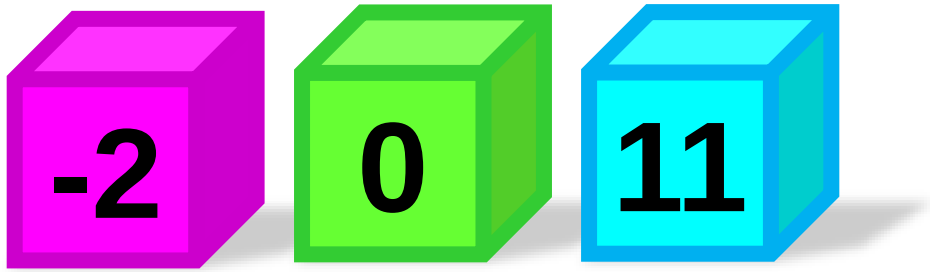
Ordering Integers and Numbers



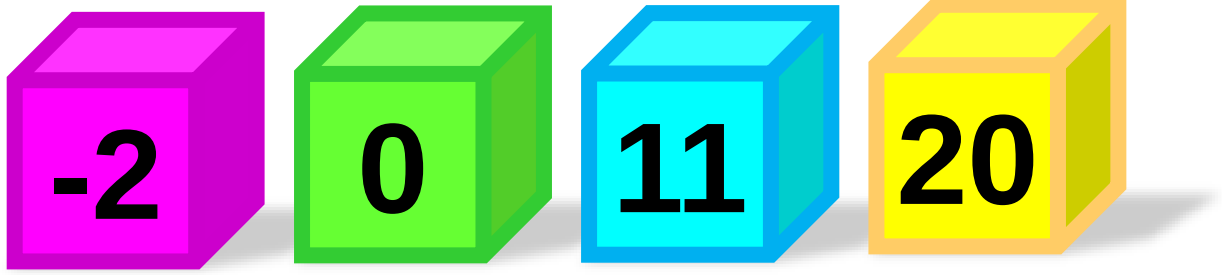
Ordering Integers and Numbers



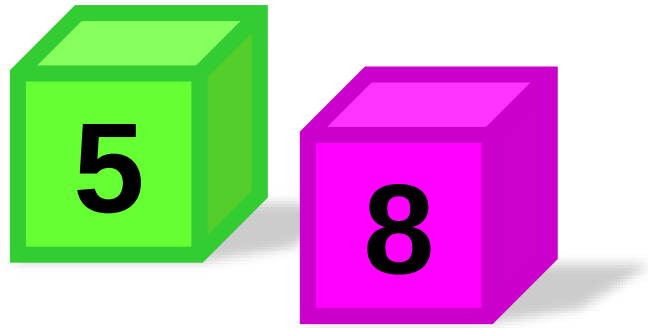
Ordering Integers and Numbers

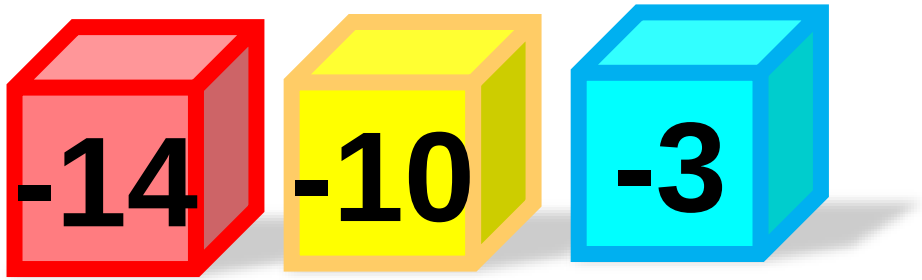


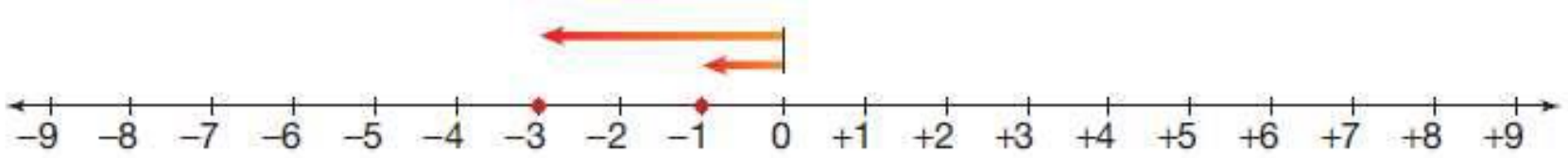
Ordering Integers and Numbers



Ordering Integers and Numbers





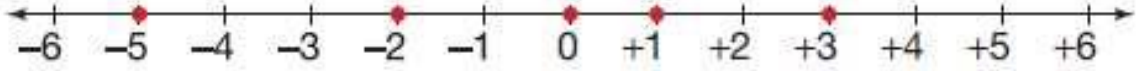


-3 is to the left of -1 on a number line.

-3 is less than -1, so we write: $-3 < -1$

-1 is greater than -3, so we write: $-1 > -3$

➤ To order the integers 0, $+1$, -2, $+3$, and -5, draw a number line from -6 to $+6$. Mark each integer on the number line.



Fill in each ○ with <, >, or = to make a true statement.

1. $-5 \bigcirc -55$

2. $4 \bigcirc -66$

3. $-777 \bigcirc -77$

4. $-75 \bigcirc -75$

5. $-898 \bigcirc -99$

6. $0 \bigcirc 44$

7. $56 \bigcirc -1$

8. $-82 \bigcirc -9$

9. $-6 \bigcirc -7$

10. $90 \bigcirc 101$

11. $4 \bigcirc -2{,}000$

12. $-3 \bigcirc 0$

13. $8 \bigcirc 6$

14. $-5 \bigcirc -7$

15. $-2 \bigcirc 0$