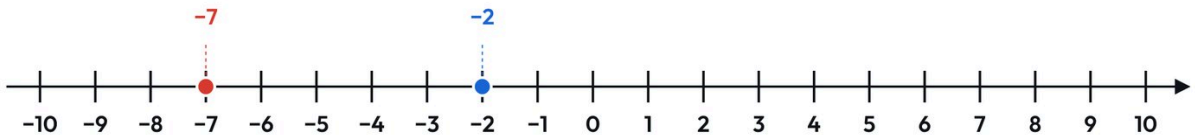
Names (pair) _____ Date _____

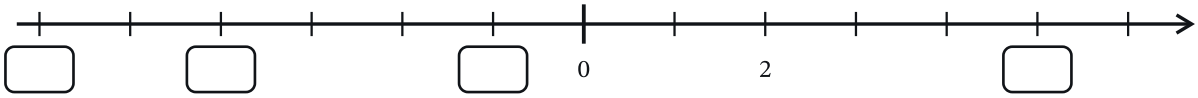
Integers on the Number Line

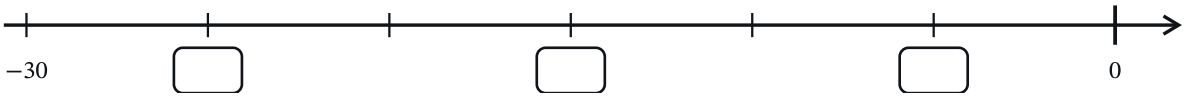
Example



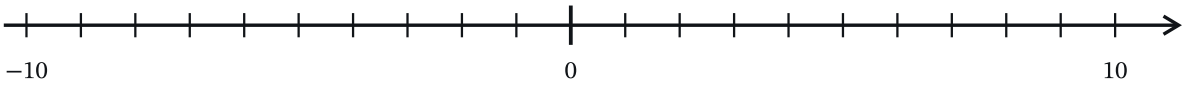
On the number line, negative numbers are **to the left of zero**. Of two numbers, the greater is the one **further right**: $-2 > -7$. On a thermometer, -2 °C is warmer than -7 °C.

1 ON YOUR OWN Write the missing numbers.





2 ON YOUR OWN Mark the points: $A = -3, B = 5, C = -8, D = -1$.



Which point is closest to zero? Which is furthest away? _____

3 IN PAIRS Complete the table. The next number is 1 more: one step to the right on the number line.

previous					-1
number	-1	-10	0		
next				-99	

Names (pair) _____ Date _____

Remember

Every negative number is less than zero, and zero is less than every positive number. Of two negative numbers, the greater is the one **closer to zero**: $-2 > -7$, even though $2 < 7$.

4 ON YOUR OWN Write $<$ or $>$.

$-3 \square 2$ $-7 \square -2$ $0 \square -4$

$-10 \square -1$ $5 \square -15$ $-12 \square -21$

5 IN PAIRS The lowest temperatures one winter morning. Put the cities in order from coldest to warmest.

Zagreb -2 °C Moscow -15 °C Split 6 °C Oslo -8 °C Rome 9 °C Gospić -11 °C

$\square < \square < \square < \square < \square < \square$

6 IN PAIRS **Find the mistake.** Luke says: "$-7 > -2$, because $7 > 2$." Mia says: "The next number after -10 is -11." What is wrong? Show it on the number line.

The Number Line app · otooly.com/number-line

Choose the range -10 to 10, put points at -7 and -2 and move them with the arrow keys. When a number gets greater, which way does the point move?

★ ON YOUR OWN **Exit card.** The greatest negative integer: $\square$ $-9 \square -6$