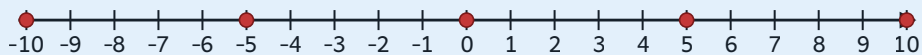


Lesson 11 **NUMBER**

# Comparing and ordering positive and negative integers

## WHAT THIS LESSON TEACHES

On the number line, **further right means greater**. So a small negative is bigger than a large negative.



→  $-2 > -5$  ( $-2$  is closer to zero).

→ Order  $-3, 2, -1, 0$ :  $-3, -1, 0, 2$ .

## MODEL THIS ON THE BOARD

**ORDER  $-3, 4, -6, 0, 2$  FROM LEAST TO GREATEST**

- 1 Picture the number line — further **left** is smaller.
- 2 The negatives come first:  $-6$  then  $-3$ .
- 3 Order:  $-6, -3, 0, 2, 4$ .

## ANSWER KEY

**Warm-up:** a)  $-3 < -2$  b)  $-3 < 8$  c)  $5 > -4$  d)  $5 > -3$

**Q1:**  $-10 < -4 < 4 < 6$

**Q3:**  $-4.6 < 2.6 < 2.7 < 9$

**Q2:** 127.13

**Q4:**  $-4.1 < 0.1 < 2.9 < 4.8$

## EXTENSION SHEET · STRETCH ANSWERS

**S1:**  $-4.7 < 0.1 < 6.7 < 8.3$

**S3:**  $-1 < 7 < 8 < 14$

**S2:**  $-10 < -1 < 9 < 15$

**S4:**  $-9 < 12 < 14 < 15$