Lesson 11 NUMBER

Comparing and ordering positive and negative integers

WHAT THIS LESSON TEACHES

An integer is a whole number that can be positive, negative or zero. On a number line, numbers further left are smaller.

→ -8 is to the left of -3 so -8 is smaller.

→ -6 < 2 because -6 is left of 2.

MODEL THIS ON THE BOARD

COMPARE -8 AND -3 ON THE LINE

1. Draw a number line from -10 to 10.
2. Place -8 and -3 on it.
3. -8 is left of -3 so -8 is smaller.

ANSWER KEY

Scaffold: visual check on the page

Q1: -7

Q2: smaller

Q3: 0

Q4: -8, -3, 0, 2, 5

Q5: -10, -5, 4, 10

Q6: 1

a) Always — -5 sits right of -8 on any number line.

b) Always — Any positive is right of zero while negatives are left.

c) Never — -3 is left of 0 so always smaller.

d) Never — Order from smallest to biggest is the reverse of biggest to smallest.