

# Ordering positive and negative numbers

## Sheet 1

A. Write  $<$  or  $>$  between each pair of numbers.

1. -5 4
2. 3 -7
3. -6 6
4. -5 -3
5. -2 -10

B. Write each set of numbers in order, smallest first.

6. -3, 3, -2
7. 6, -1, 4
8. -4, -10, -8
9. 2, -2, 7, -7
10. 4, 0, -2, 5, -6

C. Write two numbers which go between each pair of numbers.

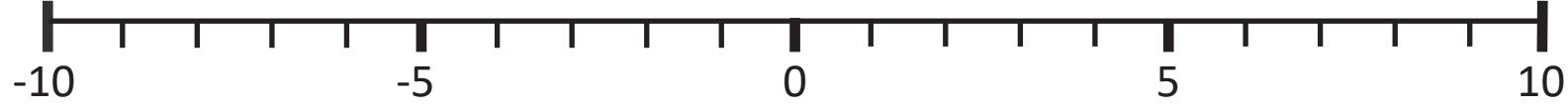
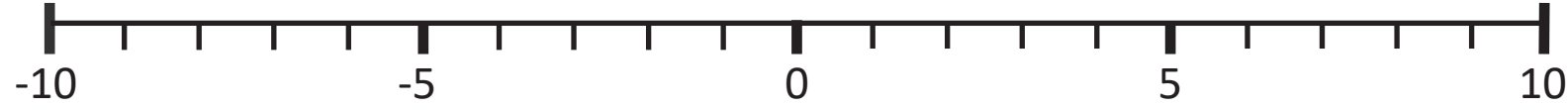
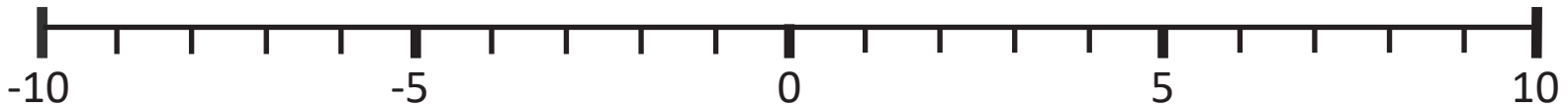
11. -7 and 0
12. -2 and 2
13. 5 and -1
14. -3 and -10
15. 0 and -4

### Challenge

Tina says  $-10^{\circ}\text{C}$  must be really warm because it is 70 degrees hotter than the Antarctic!  
Do you agree with her?

# -10 to 10 number lines

Resource sheet



# Count in steps through zero

## Sheet 1

Write the next three numbers in each sequence.

1. 20, 15, 10, 5, 0, \_\_\_\_, \_\_\_\_, \_\_\_\_

2. 12, 9, 6, 3, 0, \_\_\_\_, \_\_\_\_, \_\_\_\_

3. 16, 12, 8, 4, 0, \_\_\_\_, \_\_\_\_, \_\_\_\_

4. 7, 5, 3, 1, -1, \_\_\_\_, \_\_\_\_, \_\_\_\_

5. 17, 12, 7, 2, -3, \_\_\_\_, \_\_\_\_, \_\_\_\_

6. 8, 5, 2, -1, -4, \_\_\_\_, \_\_\_\_, \_\_\_\_

7. -15, -12, \_\_\_\_, -6, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

### Challenge

- 1a. A sequence begins 13, 18, 23, 28,... Ollie says 'This sequence counts on in 5s, so 65 will be in the sequence.' Do you agree with him?
- b. A sequence begins 9, 5, 1, -3,... Will -36 be in the sequence?
2. A mini-sub starts off at sea level. It descends 2 metres every 5 seconds. What depth will it be after one minute?
3. The temperature is  $3^{\circ}\text{C}$  at 4pm. As it gets dark the temperature falls by 2 degrees every hour. What temperature is it at midnight?

# -20 to 20 number lines

## Resource sheet

