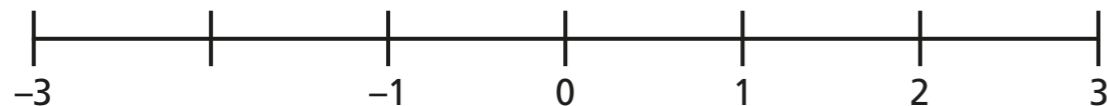# Negative numbers

1 Complete the number lines.
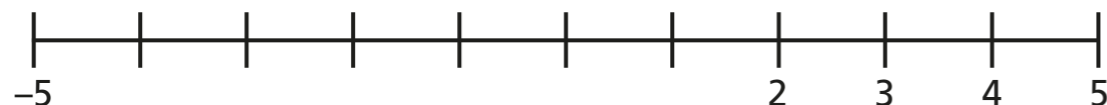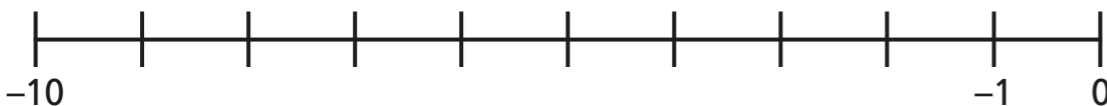
a)

```
+----+----+----+----+----+----+
-3        -1   0    1    2    3
```

b)

```
+----+----+----+----+----+----+
-4   -3   -2                   2
```

c)

```
+----+----+----+----+----+----+----+----+----+----+
-5                           2    3    4    5
```

d)

```
+----+----+----+----+----+----+----+----+----+----+
-10                                    -1   0
```
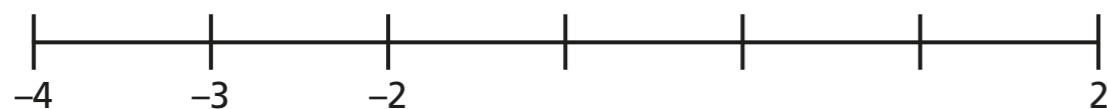
2 Complete the temperature labels on the thermometer.

Circle the warmest temperature in each pair.

a)   2°C   4°C

b)   5°C   0°C

c)   −1°C   1°C

d)   −3°C   0°C

e)   4°C   −1°C

f)   −4°C   1°C

```
  5 —
    
  0 —
    
 -5 —
```
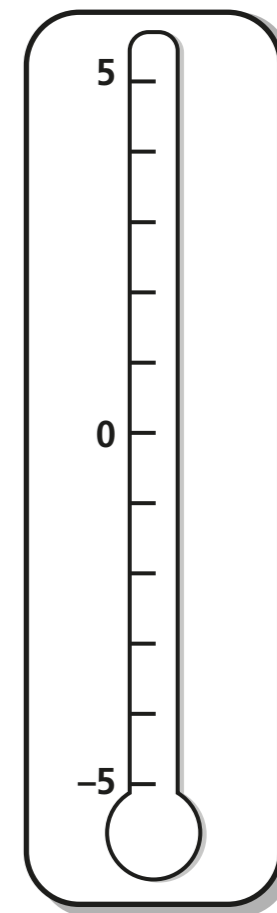
3 a) Tommy is counting backwards in 1s starting from 4

Write the first five numbers that Tommy will say.

☐ ☐ ☐ ☐ ☐

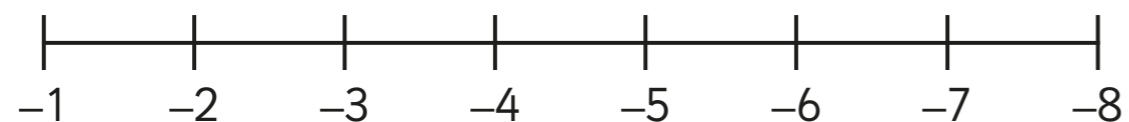b) Annie is counting backwards in 2s starting from 4

Write the first five numbers Annie will say.

☐ ☐ ☐ ☐ ☐

c) Alex is counting forwards in 3s starting from −4

Write the first five numbers Alex will say.

☐ ☐ ☐ ☐ ☐

4 Rosie has labelled a number line.

```
|----|----|----|----|----|----|----|----|
−1   −2   −3   −4   −5   −6   −7   −8
```

What mistake has Rosie made?

_____

_____

5 Continue the sequences.

a) 20, 15, 10, [ ] , [ ] , [ ]

b) −10, −8, −6, [ ] , [ ] , [ ]

c) −7, −5, −3, [ ] , [ ] , [ ]

d) 7, 4, 1, [ ] , [ ] , [ ]

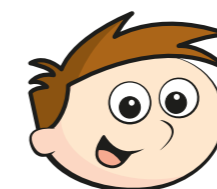**e)** 75, 50, 25, [ ] , [ ] , [ ]

6 The temperature in London is 5°C.

a) The temperature in Birmingham is 8°C warmer than London.

What is the temperature in Birmingham? [ ]

b) The temperature in Manchester is 8°C colder than London.

What is the temperature in Manchester? [ ]

7 Teddy is counting backwards.

> three, two, one, negative one, negative two …

What mistake has Teddy made? Talk about it with a partner.

8 Whitney is counting backwards in 10s from 37

> 37, 27, 17, 7, −7, −17

Is Whitney correct? _____

Write the numbers she should say, to check your answer.

_____

_____