Showing Negative Numbers

1 This ruler shows the water level of a river during a drought in the month of June.

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7 m  —
6 m  —
5 m  —
4 m  —
3 m  —
2 m  —
1 m  —
0 m  —
-1 m —
-2 m —
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(a) In the month of July, the water level increased by 6 metres. Shade to show the new water level. What was the water level in July?

(b) In August, the water level dropped. The difference in the water level between July and August was 4 m. Find the difference between the water level in June and the water level in August.

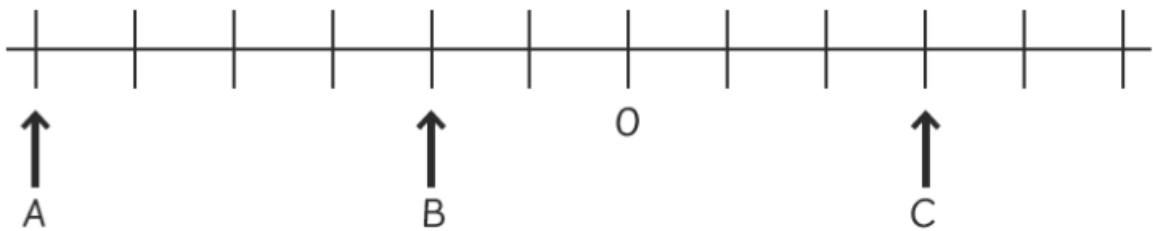**2** Mark and label the given numbers on each number line.

(a) −3 and 1

0

(b) 0 and −7

−2

3

0

A   B   C
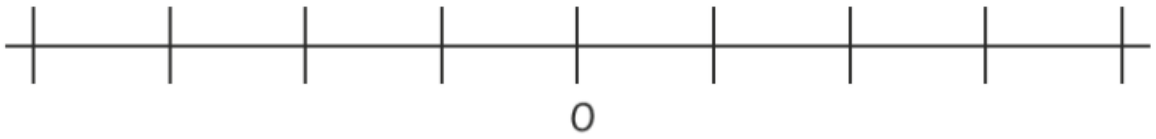
(a) What numbers are represented by the points A, B and C?

A :

B :

C :

(b) Find the difference between:

     (i)   the value of A and B

     (ii)   the value of A and C