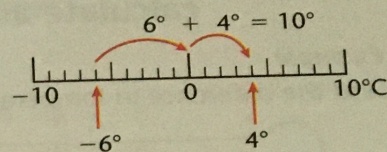


TARGET To use negative numbers and calculate intervals across zero.

Examples

Find the temperature which is 10°C more than -6°C .

Answer 4°C .



A

Copy and complete.

1 $-4 \quad -3 \quad -2 \quad \square \quad \square \quad \square \quad 2$

2 $6 \quad 4 \quad 2 \quad 0 \quad \square \quad \square \quad \square$

3 $-12 \quad -9 \quad -6 \quad -3 \quad \square \quad \square \quad \square$

4 $3 \quad 2 \quad 1 \quad \square \quad \square \quad \square \quad -3$

5 $-5 \quad \square \quad \square \quad \square \quad 3 \quad 5 \quad 7$

6 $16 \quad 12 \quad 8 \quad 4 \quad \square \quad \square \quad \square$

Put each set of numbers in order, smallest first.

7 $\begin{matrix} 1 & -6 \\ -5 & 3 \\ 8 & -2 \end{matrix}$

9 $\begin{matrix} -3 & 6 \\ 2 & 1 \\ 0 & -7 \end{matrix}$

8 $\begin{matrix} -3 & 4 \\ 0 & -1 \\ 2 & -6 \end{matrix}$

10 $\begin{matrix} 3 & -8 \\ -4 & 2 \\ -2 & 5 \end{matrix}$

B

Copy and complete.

1 $10 \quad 7 \quad 4 \quad \square \quad \square \quad \square$

2 $-6 \quad -4 \quad \square \quad \square \quad \square \quad 4$

3 $-15 \quad \square \quad -5 \quad \square \quad 5 \quad \square$

4 $\square \quad \square \quad \square \quad 2 \quad 6 \quad 10$

5 $5 \quad 3 \quad 1 \quad \square \quad \square \quad \square$

6 $\square \quad \square \quad \square \quad 2 \quad 5 \quad 8$

Find the temperature which is:

7 5°C more than -2°C

8 8°C more than -10°C

9 7°C more than -3°C

10 4°C more than -4°C

11 9°C more than -7°C

12 6°C more than -8°C

13 10°C less than 6°C

14 7°C less than 2°C

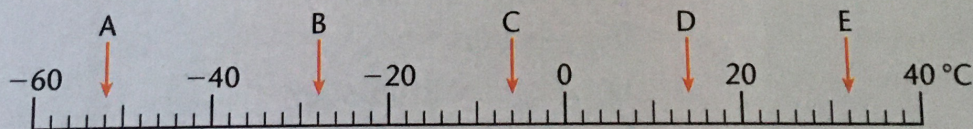
15 9°C less than 0°C

16 12°C less than 4°C

17 8°C less than 7°C

18 6°C less than -5°C .

C



1 What temperatures are shown by the letters?

2 Give the difference in temperature between:

a) C and D

b) B and C

c) A and E

d) B and D

3 What would the temperature be if it was:

a) at A and rose 24°C

c) at C and fell 18°C

b) at D and fell 30°C

d) at B and rose 32°C