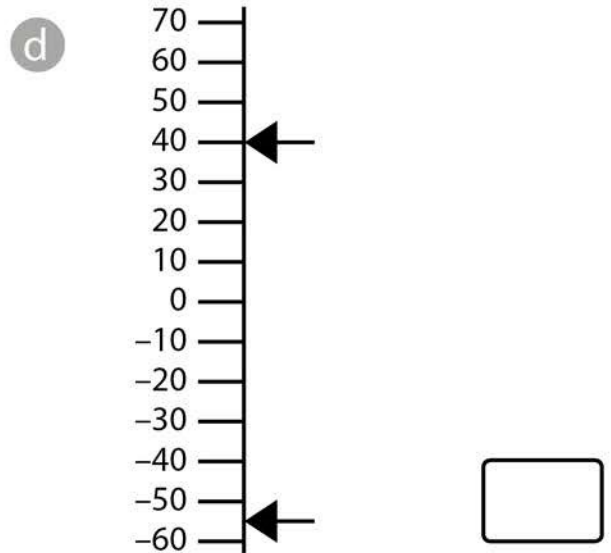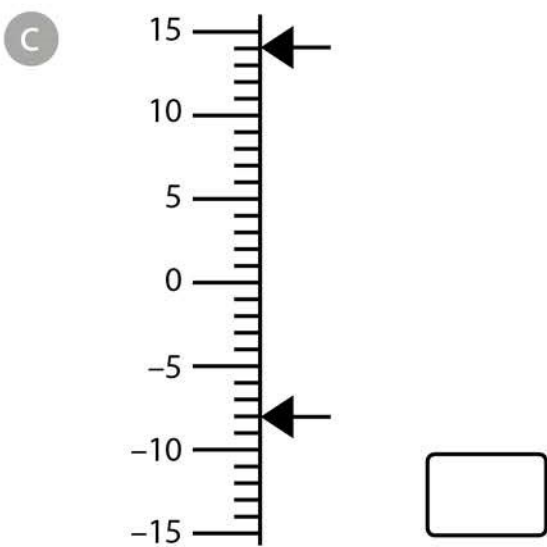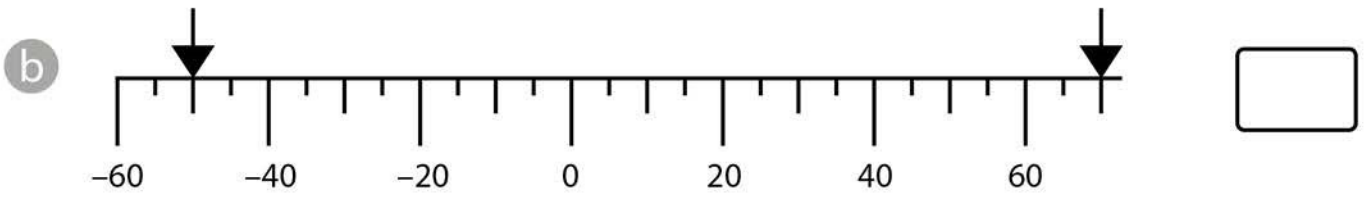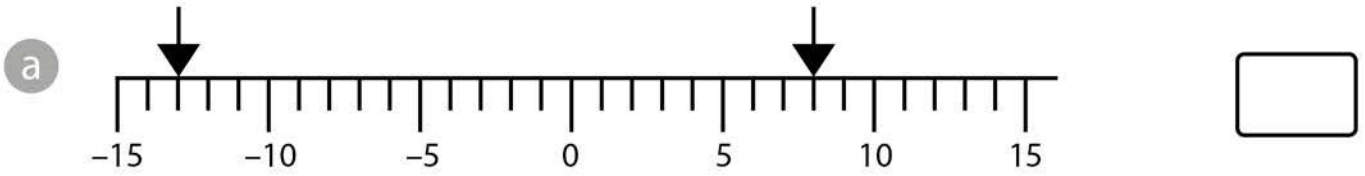## Calculate the difference between numbers across zero

1 What is the difference between the numbers shown by the 2 arrows on the number lines below?

a

-15   -10   -5   0   5   10   15

b

-60   -40   -20   0   20   40   60

c

15
10
5
0
-5
-10
-15

d

70
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60

2 Find the difference between the following pairs of numbers.

a -4 and 6

c 14 and -27

b 7 and -2

d -46 and 183

3 Solve the following.

a $-8 + 12 =$

c $148 - 183 =$

b $-11 + 17 =$

d $-56 + 177 =$