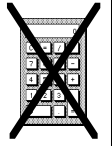
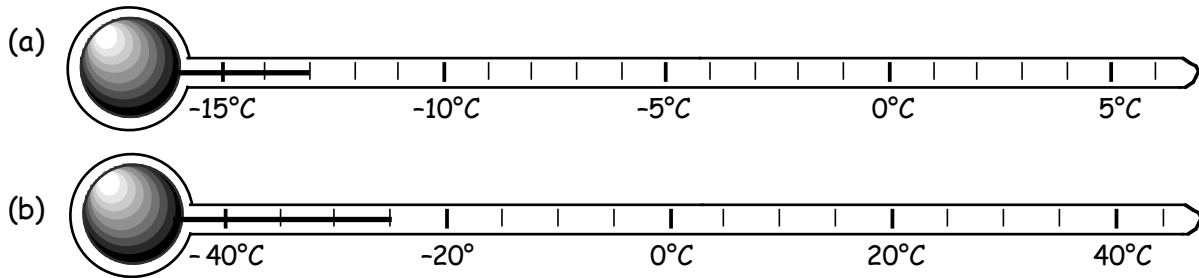


1. What temperatures are shown on these two thermometers ?



2. Dorothy's bank balance near the end of October showed an overdraft of £547. Her bank book showed this as (-£547). She paid a gas bill of £288 which made her overdraft worse, but her monthly salary of £1550 which was paid directly into her bank account made things better.



What is her new bank balance, as shown in her bank book ?

3. Write down the number which is :-

- (a) 7 up from -3.
- (b) 8 down from 5.
- (c) 17 up from -11.
- (d) 23 down from -77.

4. Whilst touring Alaska, I noticed the temperature rose from  $-24^{\circ}\text{C}$  late at night to  $12^{\circ}\text{C}$  around mid-afternoon on the following day.



By how many degrees had the temperature risen ?

5. Copy each of the following and then write the answer :-

- (a)  $9 - 11$
- (b)  $12 + (-12)$
- (c)  $-8 + 14$
- (d)  $(-2) + (-7)$
- (e)  $(-35) + (-15)$
- (f)  $-1004 + 1005$
- (g)  $0 + (-19)$
- (h)  $(-96) + 103$
- (i)  $52 - 71$

6. (a) Copy the coordinate diagram.

(b) Plot the points :-

$A(-3, 2)$ ,  $B(-1, 4)$  and  $C(1, 2)$ .

(c) Find a 4th point, (call it D), such that figure ABCD is a SQUARE. Write down the coordinates of point D and complete the drawing of the square.

(d) Now draw a "new" square on your diagram, by reflecting square ABCD in the x-axis.

