TAKE 5 ... NEGATIVE NUMBERS

Q1. Write the following numbers in order of size. Start with the smallest number.

$$8 \qquad -7 \qquad -10 \qquad 1 \qquad 0 \qquad -2$$

(1)

Q2. (a) Work out $+8 - 6$

(1)

(b) Work out $-5 - 4$

(1)

(c) Work out $-12 \div +4$

(1)

Q3. Here are four numbers: -9 $\qquad$ -2 $\qquad$ 2 $\qquad$ 9

Write one of these numbers in each box to make a correct calculation.

$$\boxed{} + \boxed{} = -7$$

(1)

Q4. At 7 am the temperature was -4 °C
By 3 pm the temperature had gone up by 10 °C.
(a)   Write down the temperature at 3 pm.

(1)

At 9 pm the temperature was -2°C.
By midnight the temperature had gone down by 7 °C.
(b)   Write down the temperature at midnight.

(1)

Q5.   At midnight the temperature was −9°C.
      By 10 am, the temperature had risen by 8°C.

(a) Work out the temperature at 10 am.

(1)

At midday the temperature was 5°C.
(b) Work out the difference between the temperature at midnight and the temperature at
    midday.

(2)

On another day
      the temperature at midnight was −7°C,
      the temperature at 10 am was −1°C and
      the temperature at midday was 3°C.
   Jenny says that, on this day, the temperature at 10 am is halfway between the
   temperatures at midnight and at midday.

(c) Is Jenny correct? You must give a reason for your answer.

(2)