## Problems of the Day 2020

I Here are 3 number patterns.

| 0 | 5 | 10 | 15 | 20 | 25 | 30 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 27 | 37 | 47 | 57 | 67 | 77 | 87 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 32 | 30 | 28 | 26 | 24 | 22 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

2 Work out the value of each symbol.

$$
\begin{aligned}
& \mathbf{q}+\mathbf{q}=\begin{array}{l}
18 \\
18 \div 2=9
\end{array} \\
& \langle+\langle 21\rangle=30 \\
& 30-9=21 \\
& \hat{31}\rangle-\langle 21=10 \\
& 21+10=31
\end{aligned}
$$

What is the sum of the three missing numbers?

$$
25+47+24=96
$$

