

# Play with patterns

Name \_\_\_\_\_ Class4 Sec \_\_\_\_\_

Observe the number patterns and fill in the boxes:

|     |     |     |     |  |  |  |
|-----|-----|-----|-----|--|--|--|
| (a) | 18  | 27  | 36  |  |  |  |
| (b) | 709 | 809 |     |  |  |  |
| (c) | 30Z | 28Y | 26X |  |  |  |
| (d) | 81  | 72  | 63  |  |  |  |
| (e) | 260 | 360 | 460 |  |  |  |

(f)

$$1 \times 9 + 2 = 11$$

$$12 \times 9 + 3 = 111$$

$$\begin{array}{|c|} \hline \\ \hline \end{array} \times \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = 1111$$

$$\begin{array}{|c|} \hline \\ \hline \end{array} \times \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

(g)

$$1 + 2 + 3 = \begin{array}{|c|} \hline 6 \\ \hline \end{array}$$

$$2 + 3 + 4 = \begin{array}{|c|} \hline 9 \\ \hline \end{array}$$

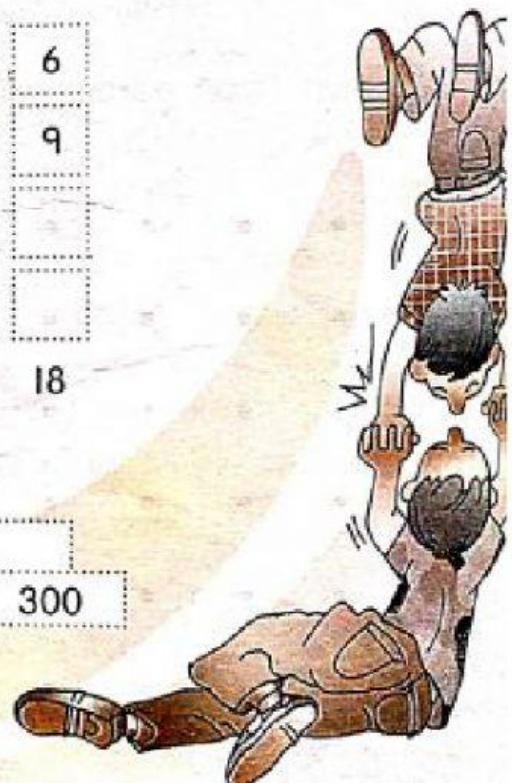
$$3 + 4 + 5 = \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \\ \hline \end{array} + 5 + \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

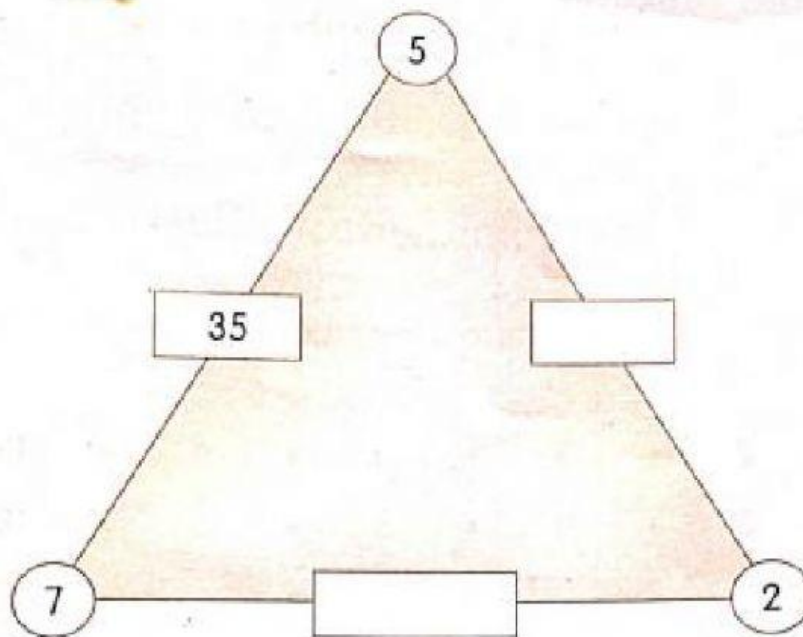
$$\begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = 18$$

(h)

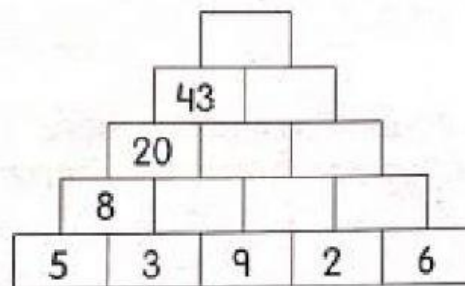
|     |     |     |
|-----|-----|-----|
| 300 |     |     |
| 100 | 200 | 300 |



(i)



(j)



k) Fill in the circles using numbers 1-7, without repeating any number, so that the numbers on each side of the triangle add upto 10.

