## Calculator patterns

This task is about finding rules for number patterns made on a calculator.


Talia was using a calculator to make number patterns. If you keep pressing the $=$ button
on Talia's calculator it keeps making the same change to the number.
Fill in the boxes with a number. Fill in the circles with an operation sign (,$+ \times, \div$, or - ). An example has been done for you.

| Pattern: 2, 9, 16, 23, 30 ... |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Talia pressed | 2 | + | 7 |

Pattern: 4, 20, 100, 500, 2500 ...
a) Talia pressed
4

$=$

Pattern: 70, 62, 54, 46, 38 ...
b)
Taila pressed

$\square$ $\square$
$=$

Pattern: 45, 36, 27, 18, 9 ...
c)
Taila pressed

$\square$

$$
=
$$

Pattern: 80, 40, 20, 10, 5 ...
d)
Taila pressed

$\square$
$\square$

$$
=
$$

