## Coded pictures

These are some drawing instructions.

- Start at the dot.
- The arrow tells you what direction to move in,
- the number tells you how many grid spaces to move. Always move to grid points, where the grid lines cross.
e.g

$$
\rightarrow 4 \quad \text { means } \quad \text { move } 4 \text { steps right }
$$

Check that these instructions draw the house:

$$
\searrow 5 \leftarrow 2 \quad \downarrow 4 \leftarrow 6 \quad \uparrow 4 \quad \leftarrow 2 \quad \nearrow 5
$$



Use some grid paper and work out what the following pictures are:

$$
\begin{array}{ccccccccccc}
(1) \rightarrow 4 & \downarrow 3 & \swarrow 1 & \rightarrow 4 & \downarrow 1 & \leftarrow 3 & \downarrow 5 & \rightarrow 1 & \downarrow 1 & \leftarrow 2 & \uparrow 4 \\
\leftarrow 2 & \downarrow 4 & \leftarrow 2 & \uparrow 1 & \rightarrow 1 & \uparrow 5 & \leftarrow 3 & \uparrow 1 & \rightarrow 4 & \nwarrow 1 & \uparrow 3
\end{array}
$$

$$
\text { (2) } \nearrow 2 \rightarrow 2 \quad \searrow 1 \quad \downarrow 3 \quad \swarrow 5 \quad \nwarrow 5 \quad \uparrow 3 \quad \nearrow 1 \quad \rightarrow 2 \quad \searrow 2
$$

Try making up your own for your friends!

