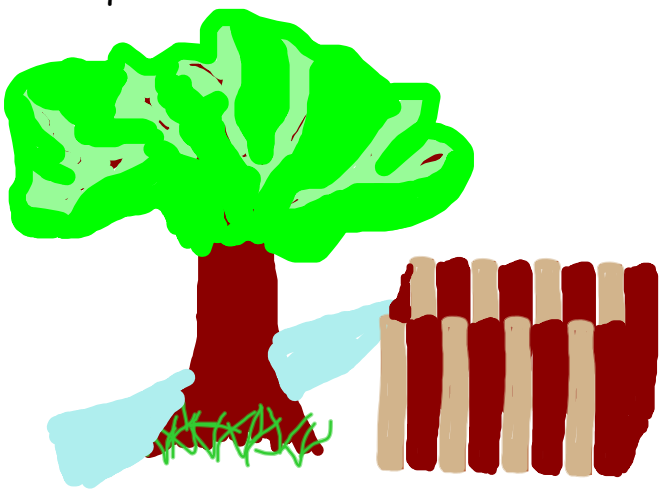
Tree House

Jane built a square tree house on one side of the river.



She used eight vertical branches for each side.
How many branches did she use altogether?

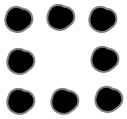
- Try different sizes of squares – how many branches are needed each time?
- What about a triangular tree house?

Learning and Teaching Objectives

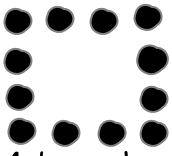
- Identify the given information and represent it in another way
- Use drawings or annotations to help visualise the problem
- Describe a rule of a pattern or relationship in words or pictures

Tree House Solution

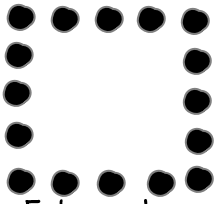
2 branches
each side =
4 branches



3 branches
each side =
8 branches

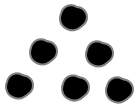


4 branches
each side =
12 branches

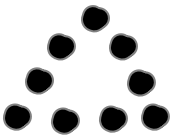


5 branches
each side =
16 branches

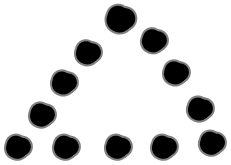
2 branches
each side =
3 branches



3 branches
each side =
6 branches



4 branches
each side =
9 branches



5 branches
each side =
12 branches