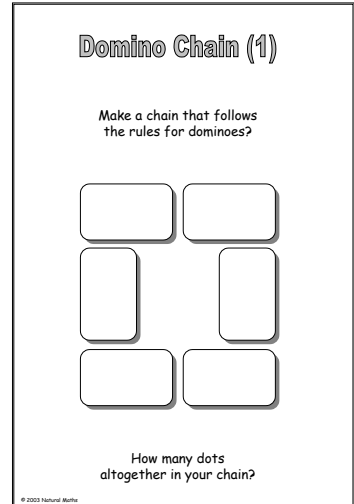


# Domino Chain (1)

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**Observe** how the children get started on this problem. Some children will:

- give up after their first attempt stating that it is impossible
- use a trial and error strategy but not using an incorrect solution to build a correct one
- think logically about how many dominoes can have the same number of dots at one end
- start with a double to increase their options
- use a count all strategy to total the dots
- use account on strategy to total the dots
- use number fact strategies to find the total.



**Encourage** the children to:

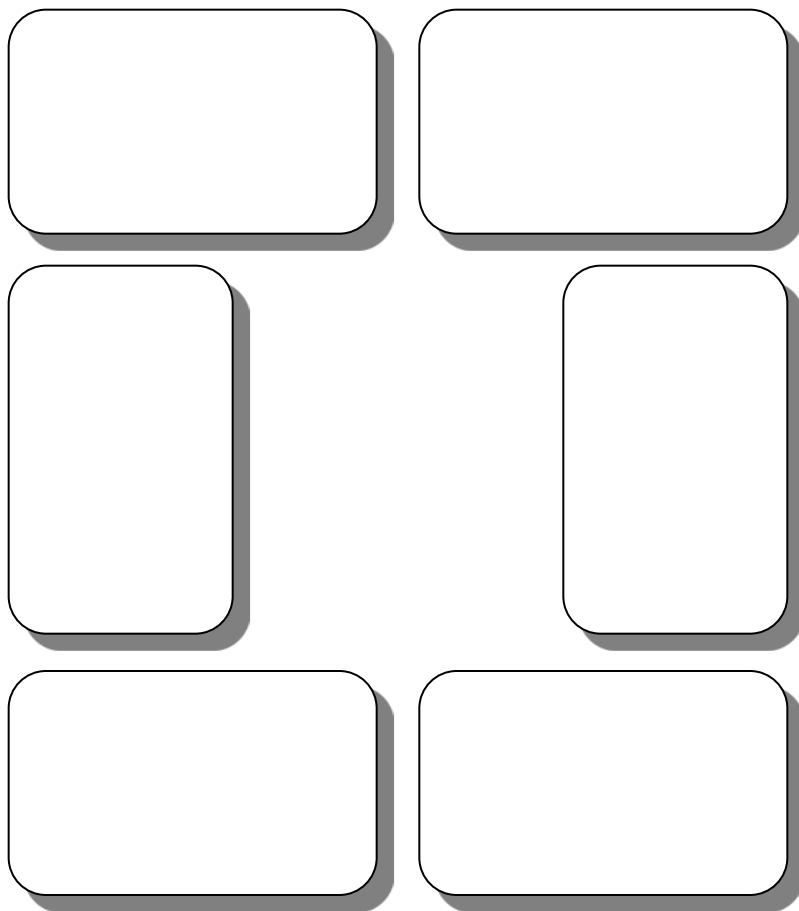
- talk about what they can do if they do form an incorrect chain
- ask the children to talk about the types of counting and number fact strategies that can be used to find the total of their chains.

Allow time for the children to investigate, record and prove their answers as well as to ask similar questions of their own.

**Challenge** the children to find other domino chains and their totals. Ask the children to use a different counting or adding strategy for each one.

# Domino Chain (1)

Make a chain that follows  
the rules for dominoes?



How many dots  
altogether in your chain?