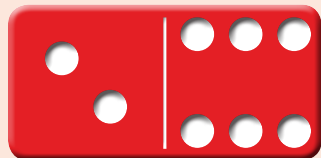


1 DOMINOES

How many individual domino blocks do you have in a full set of dominoes?

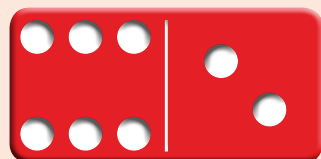
A domino block is divided into two sections or ends.
Each end must have either zero, one, two, three ... up to six dots.

Example This domino block shows the combination 2 and 6 with 2 dots on one end and 6 on the other.



No combination is repeated.

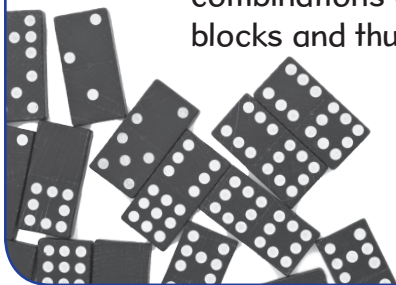
Example This domino with 2 dots and 6 dots is the same as the one above. It is a rotation of the one above.



A complete set of dominoes is made up blocks that have all the possible combinations of dots that could be put on the ends.

Patterns can be used to work out all the different combinations of the number of dots on the domino blocks and thus the number of blocks in a set.

Show using patterns how you can work out the different combinations to find how many individual blocks a set of dominoes should contain.



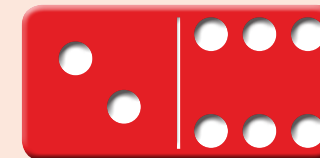
CHAPTER 10

1 DOMINOES

How many individual domino blocks do you have in a full set of dominoes?

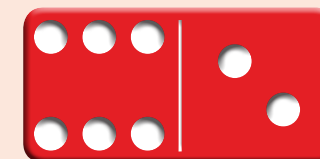
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CHAPTER 10