## Odd \& Even Numbers

## Reasoning and Problem Solving

## True or false?

12 is an odd number.
Prove it.

Bob is counting on the 100 square. Instead of saying the numbers he counts "red, yellow, red, yellow"


What could the red numbers be? Why?
What could the yellow numbers be? Why?

Children can use concrete or pictorial methods to show 12 is divisible by 2 and therefore it's false.

The red numbers are odd numbers and the yellow numbers are even.


