

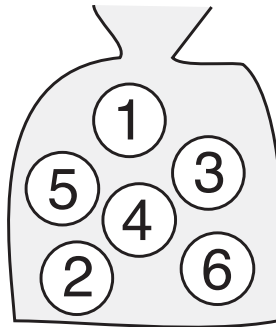
LOTTERY

Karl is thinking of holding a mini lottery to raise money.

I will sell tickets like this for \$1 each.

1	2	3
4	5	6

Each player must put a cross through 2 numbers on the ticket and hand it in. At the end of the week I will draw out two balls from a bag.



Every player who has chosen the same two numbers as shown on the balls will win a cash prize of \$10.



1. How many ways are there of choosing two different numbers on the ticket?
Show all your working.
2. Will the lottery be a good money raiser?
Describe your reasoning.