

# Fibonacci Rabbits

NAME \_\_\_\_\_






In this activity, you will solve a problem posed over 800 years ago. An Italian mathematician, Fibonacci, first posed this problem in 1202.

Use the space below to record several strategies for solving this problem. Discuss your strategies with a partner. Do not go on to the next page until your teacher tells you to.

A pair of rabbits cannot bear young until they are two months old. But once a pair reaches maturity, they will produce one new pair of rabbits each month.

If you start with one pair of new-born rabbits, how many pairs of rabbits will you have at the beginning of each month thereafter?

Complete the following chart.

MONTH	PAIRS OF RABBITS	TOTAL PAIRS
1		1
2		1
3		2
4		3
5		5
6		
7		
8		
9		
10		