Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Probability Lab

P

p

P

P = Heads

P

p

P

|  |  |
| --- | --- |
| PP | Pp |
| Pp | pp |

p = Tails

Write the expected probability that you determined from your Punnett Square.

Flip your pennies 50 times and tally up how many of each combination that you get.

To find your actual probability, divide the tally number by the total number (50)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Expected Probability | Tally | Actual Probability |
| (HH) PP | 25 |  |  |
| (HT) Pp | 50 |  |  |
| (TT) pp | 25 |  |  |

1. How close did your actual results come to your expected results? What do you think caused the difference?