Task 1: Coin Tossing and its relationship to heredity

Toss two coins together 25 times. Each time record the head-head, head-tail, or tail-tail combinations. Find the number of each combination in 25 tosses. Toss the two coins 25 more times. Record the number of head-head, head-tail, and tail-tail combinations in 50 tosses. Change these totals to ratios and percents. Predict the results if you tossed the two coins together 1000 times.

How are head-head, head-tail, and tail-tail related to TT, Tt, and tt in the figure below?How is chance in coin tossing related to the combinations produced in a Punnett square? How does chance or probability affect the inheritance passed on to offspring?

	T	t
T	TT	Tt
t	Tt	tt