

NAME: _____

EXIT TICKET

DIRECTIONS: Predict the following (HINT: it may help to draw a Punnett Square)

1. What is the probability that a man with 12 fingers - polydactyly (PP)- and his wife with 10 fingers will have a child with polydactyly?
2. Steve does not have sickle cell anemia. His wife Allyson is heterozygous for the trait. What is the probability that their children will not have sickle cell anemia?
3. Jorge has AB type blood. What do you know about his parents' blood types?
4. Martha is a carrier for colorblindness. Kendrew has normal color vision. What is the probability that their son will be colorblind?