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## **PUNNETT SQUARE PRACTICE #1**

Complete the Punnett Squares for unattached/attached earlobes (E, e)



What is the probability that the child will have an attached earlobe? \_\_\_\_\_

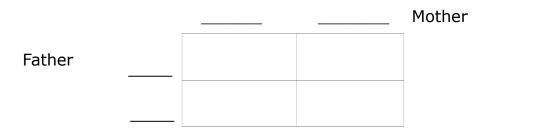


What is the probability that the child will have an attached earlobe? \_\_\_\_\_



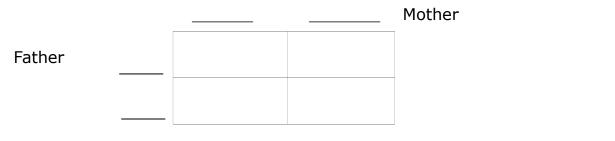
What is the probability that the child will have an attached earlobe? \_\_\_\_\_

4. Freckles are a dominant trait. Fill in the Punnett Square showing the possible genetic outcomes for the child of a father who has freckles (F f) and a mother that does not have freckles (f f):



What is the probability that the child will have freckles? \_\_\_\_\_

5. Unattached earlobes are a dominant trait. Fill in the Punnett Square showing the possible genetic outcomes for the child of a father who has unattached earlobes (E e) and a mother that has unattached earlobes (E e):



What is the probability that the child will have unattached earlobes?\_\_\_\_\_

6. CHALLENGE QUESTION: Bob is left handed. His mom is right handed. He does not know if his father is left handed or right handed. Which of the Punnett squares could be a possibility for his parents' genes? Circle ALL that are possible:

