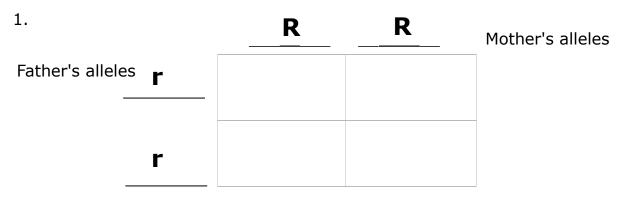
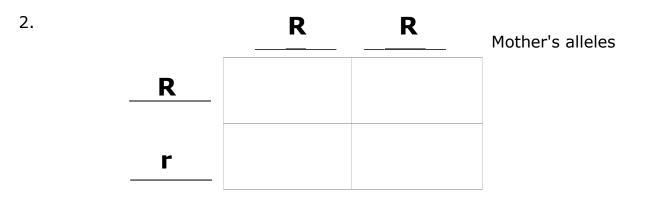
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PUNNETT SQUARE PRACTICE #2

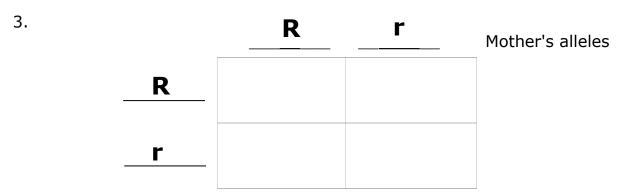
<u>Complete the Punnett Squares for rolling or non-rolling tongue (R, r)</u>



What is the probability that the child will be able to roll their tongue? _____



What is the probability that the child will be able to roll their tongue? _____



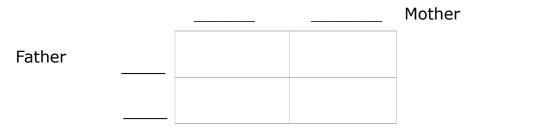
What is the probability that the child will be able to roll their tongue? _____

4. Cleft chins are a dominant trait. Fill in the Punnett Square showing the possible genetic outcomes for the child of a father who has a cleft chin (C C) and a mother that has a smooth chin (c c):

	_	 	Mother
Father			

What is the probability that the child will have a cleft chin? _____

5. Show how it is possible for a father who has a cleft chin and a mother who has a smooth chin to have a child with a smooth chin:



What is the probability that the child will have a smooth chin?_____

6. Is it possible for a father who has a smooth chin and a mother who has a smooth chin to have a child with a cleft chin? Explain. You can draw a Punnett square to help you in your explanation.