

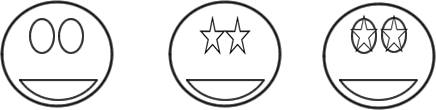
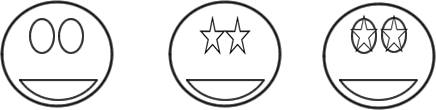
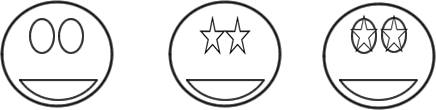
**Incomplete Dominance - Creating a 3rd Phenotype!**

In Smiley Faces, eye shape can be starred (SS), circular (CC) or circle with a star (CS)

Cut along dotted line

1. What are the genotypes for each smiley face?

= \_\_\_\_\_ = \_\_\_\_\_ = \_\_\_\_\_



3. Show the cross between a circle-star-eyed and a circle-eyed. Give the probability for each possible phenotype.

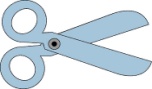
2. Show the cross between a star-eyed and a circle-eyed. What are the genotypes and phenotypes of the offspring?

4. Is it possible for a star-eyed and

circle-star-eyed smiley face to make

circle-eyed offspring? Use a Punnett square

to explain your answer.

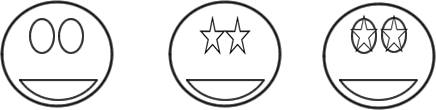
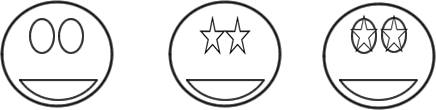
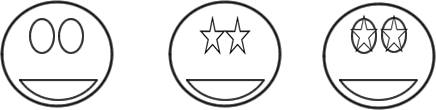


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