Name: _____ **Date:** _____

FISHY COMBINATIONS

The toy factory is creating special Seussical Fish toys to commemorate the birthday of Dr. Seuss. They want to create as many different toys as possible.

- You must choose one option from each category.
- How many **DIFFERENT** Seussical Fish can the toy factory create?
- Explain how you found your answer and how you know that it is correct.

COLOR	EXTRA	AGE	SIZE
red	Little star	old	thin
blue	Little car	new	fat
black	Yellow hat		

Name: POSSIBLE SOLUTION   **Date:** _____

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SOLUTION:

I will use the multiplication principle of counting to figure out how many possible different combinations there are:

color		extra		age		size		TOTAL
3	**x**	**3**	**x**	**2**	**x**	**2**	**=**	**36**

ANSWER: There are 36 different combinations so the toy factory can make 36 different Seussical fish toys using these options.