

Punnett Puzzle : What's My Genotype?

What are the genotypes of the Geobots shown here? The filled-in boxes in each Punnett square show the genotypes of the bots that could be created by recycling the two on the sides. Use that information to figure out the genotypes of the two 'parent' bots.

Geobots: Possible Genotypes

SAND



gg



ROCK



GG



&

Gg



G



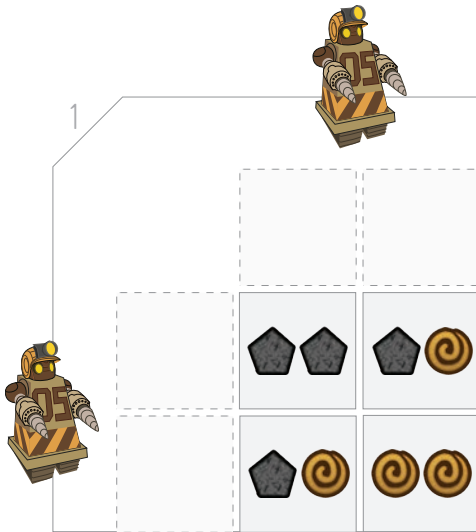
dominant

g

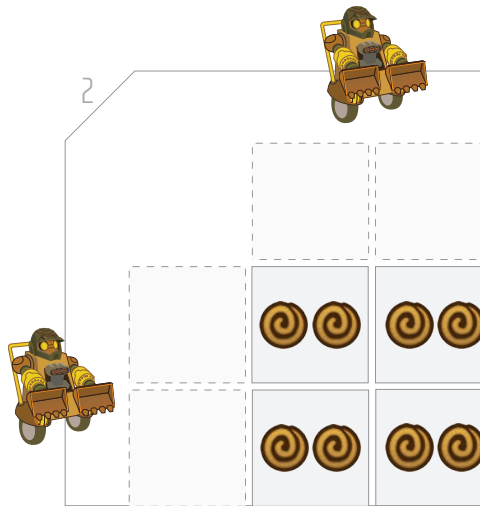


recessive

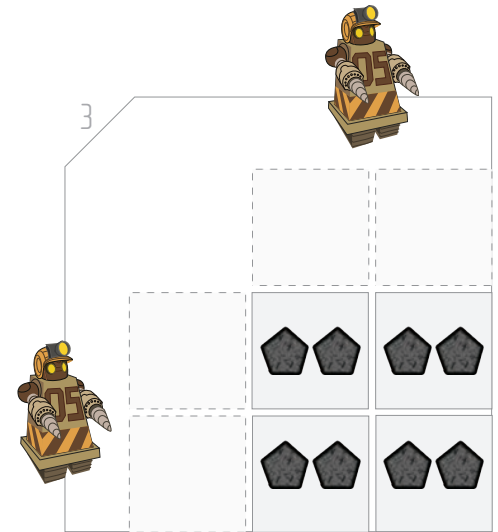
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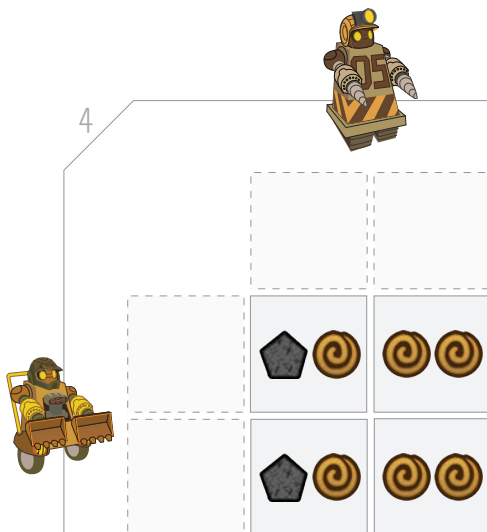
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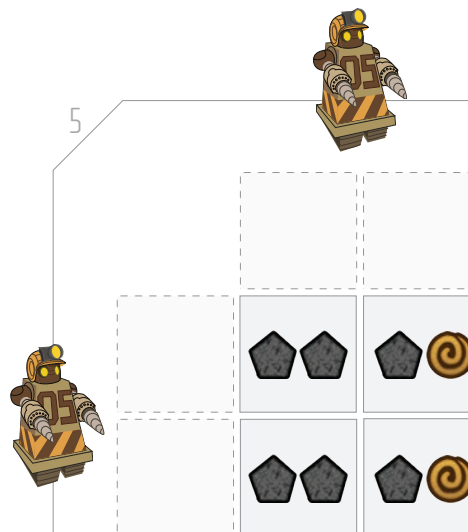
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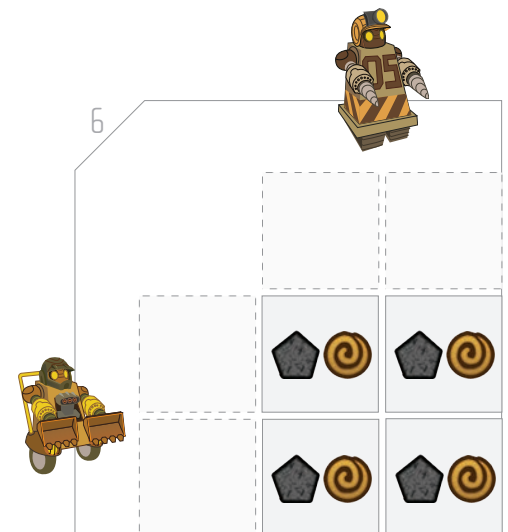
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5



6



ANSWER KEY

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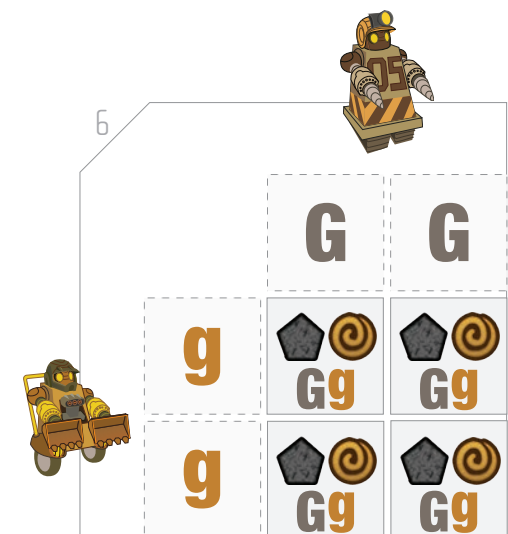
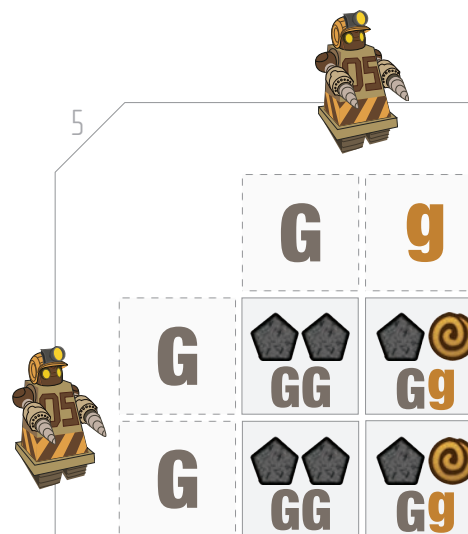
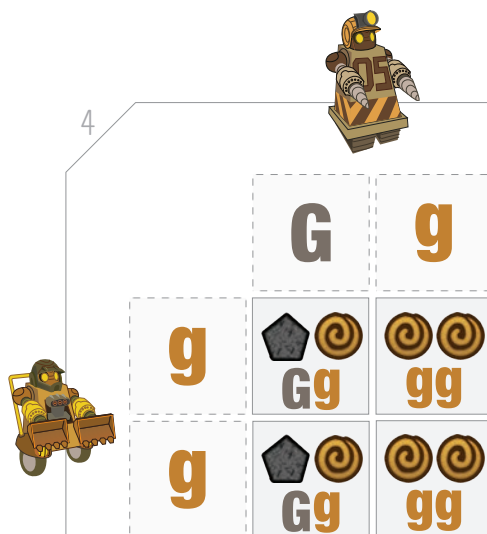
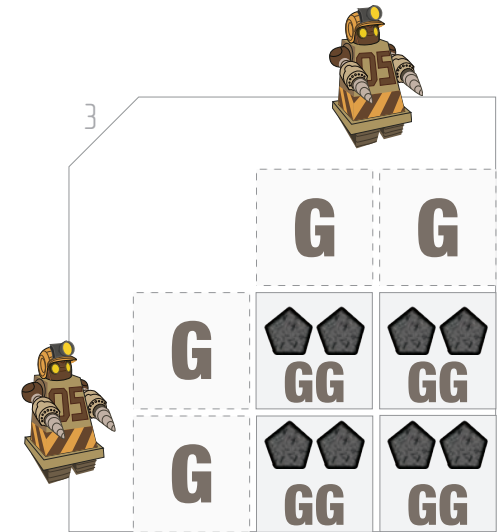
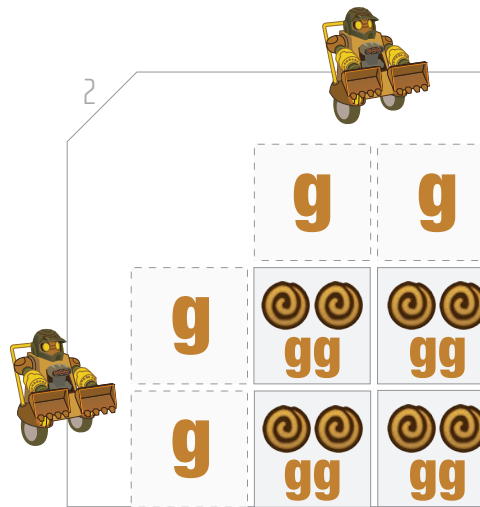
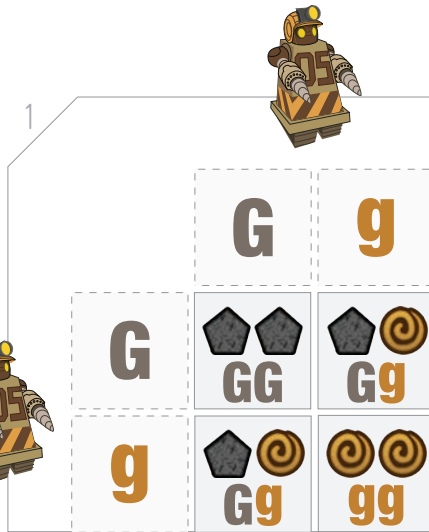
Geobots: Possible Genotypes



dominant



recessive



Punnett Puzzle : What's My Genotype?

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Geobots: Possible Genotypes

SAND



gg



ROCK

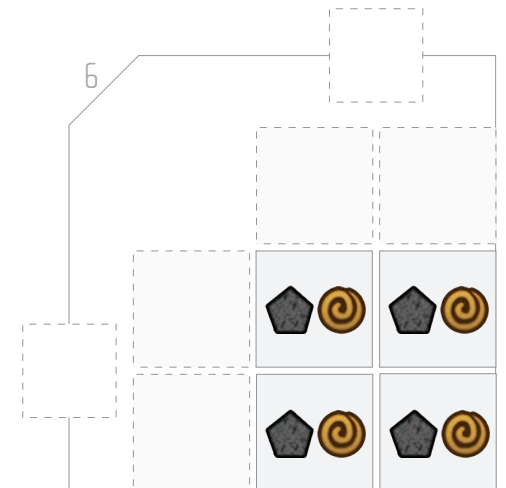
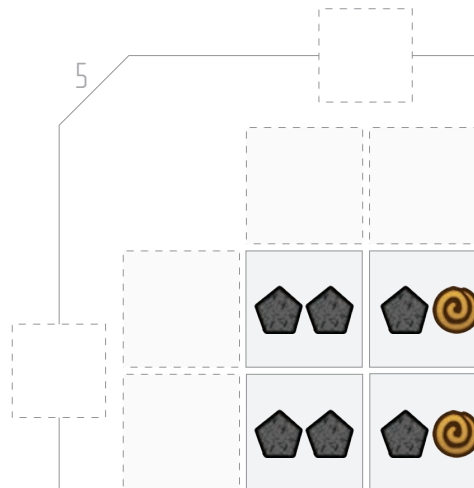
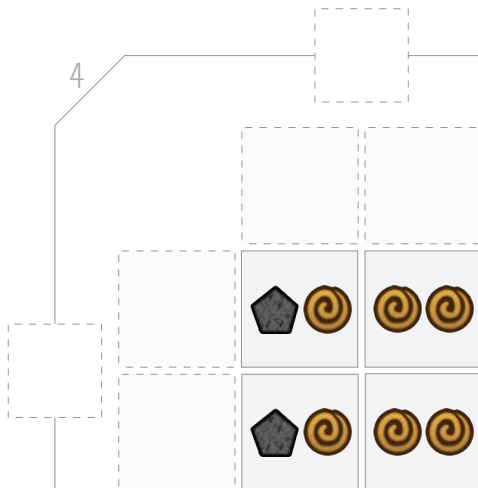
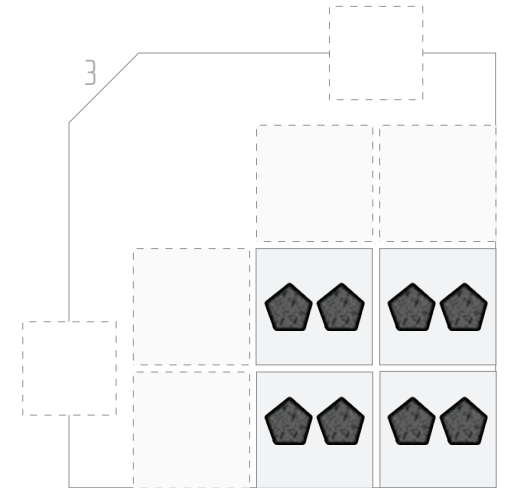
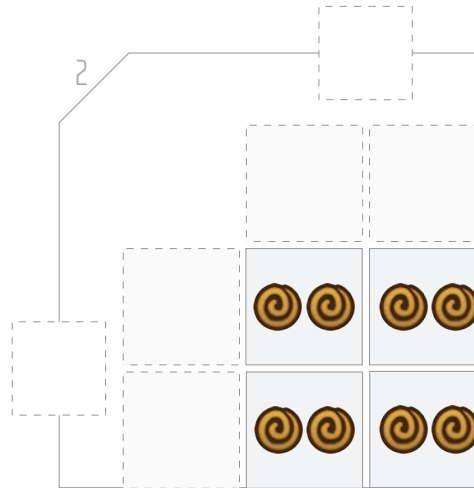
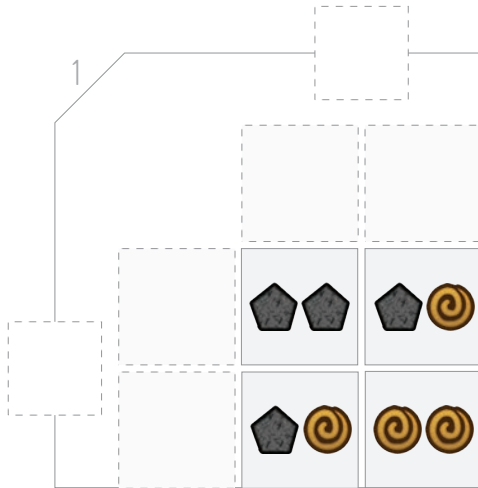


GG & Gg



G  **dominant**

g  **recessive**



Punnett Puzzle : What's My Genotype?

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Beambots: Possible Genotypes

ELECTRIC



bb
⚡⚡

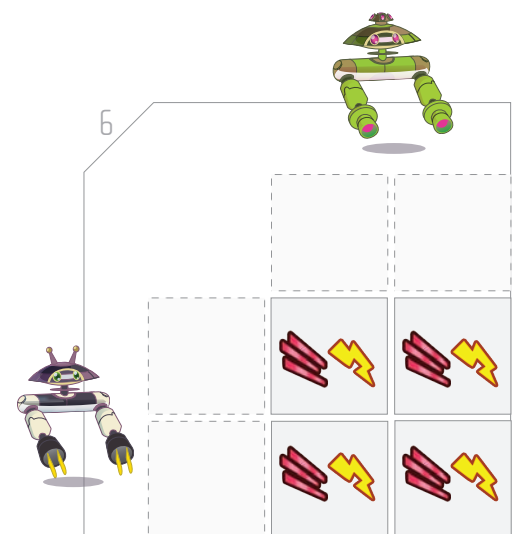
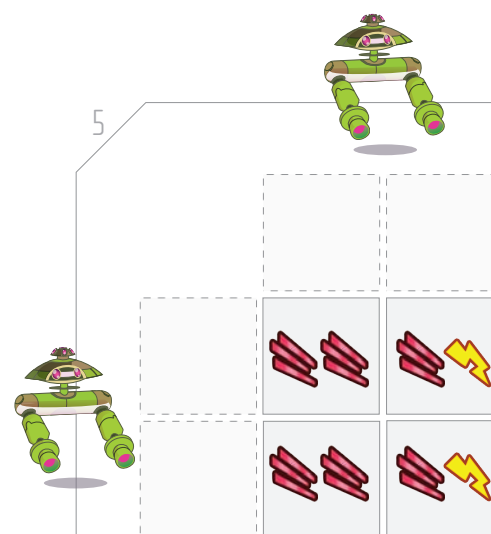
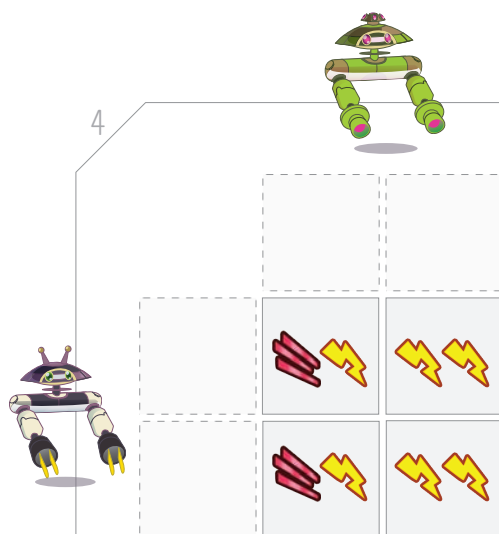
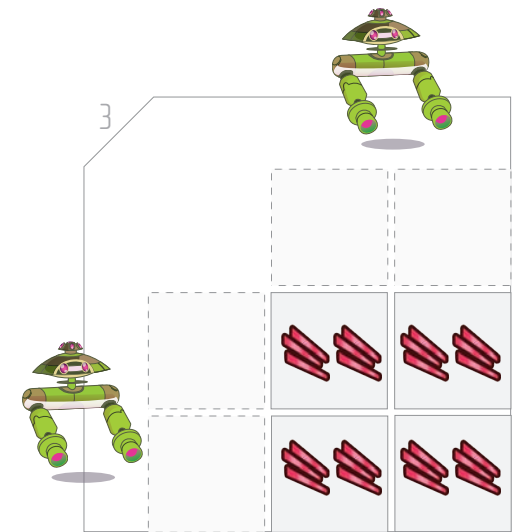
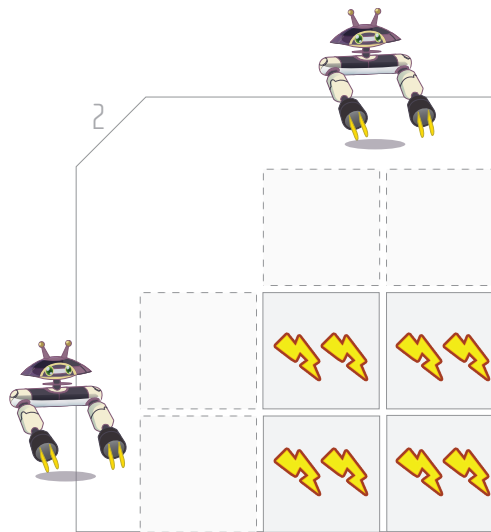
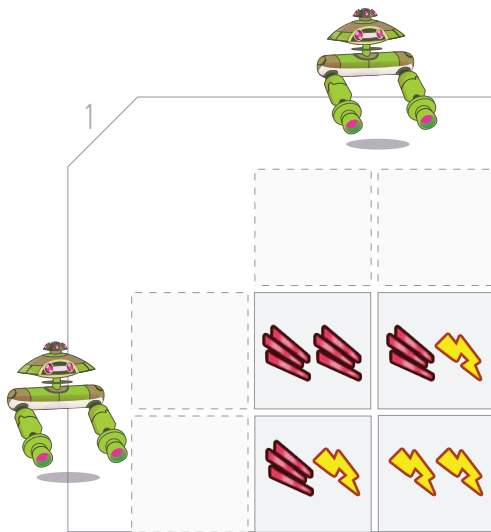
LASER



BB & Bb
⚡⚡ & ⚡⚡

B ⚡ dominant
b ⚡ recessive

B ⚡ dominant
b ⚡ recessive



ANSWER KEY

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Beambots: Possible Genotypes

ELECTRIC



bb

LASER



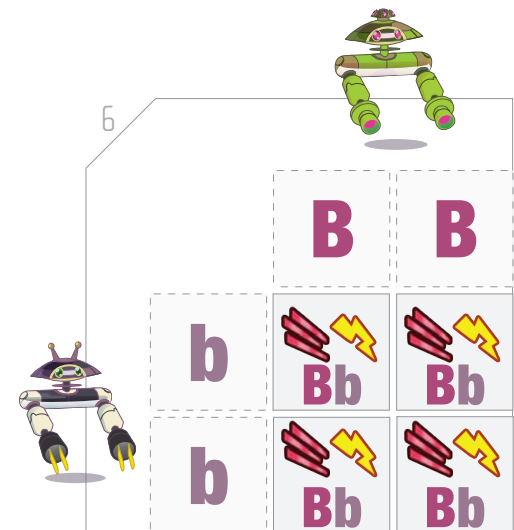
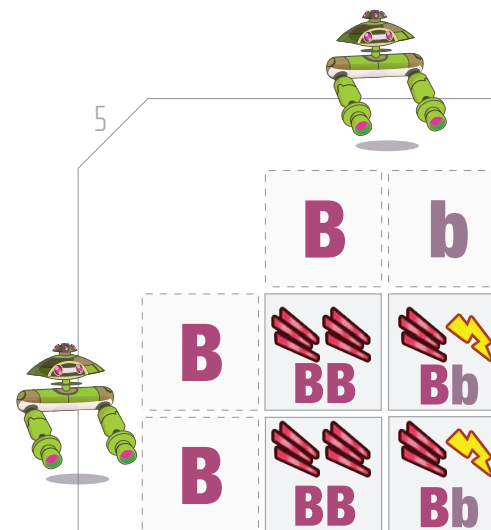
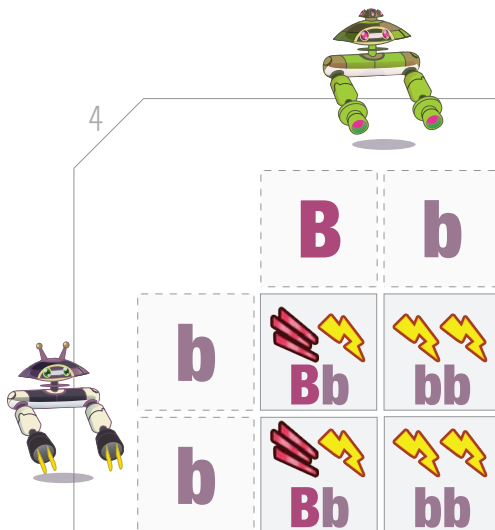
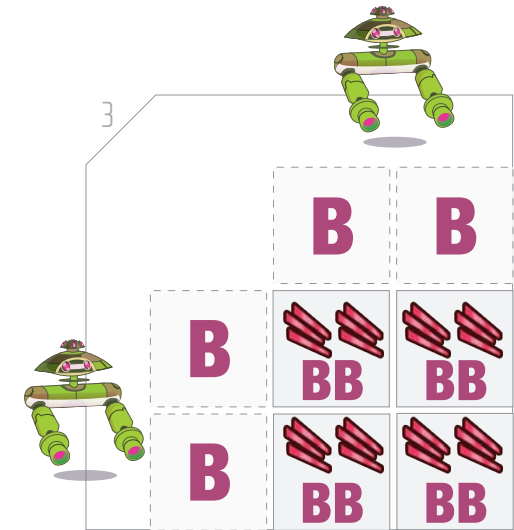
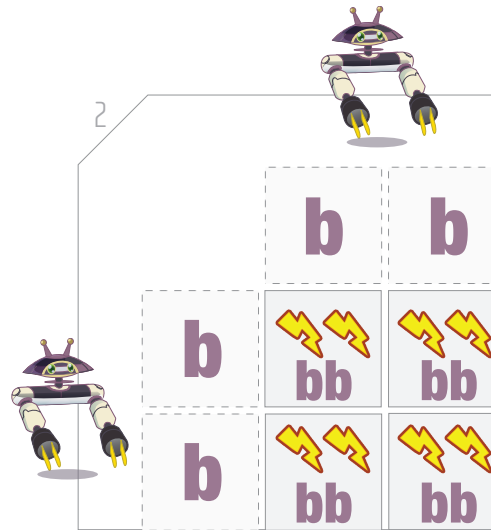
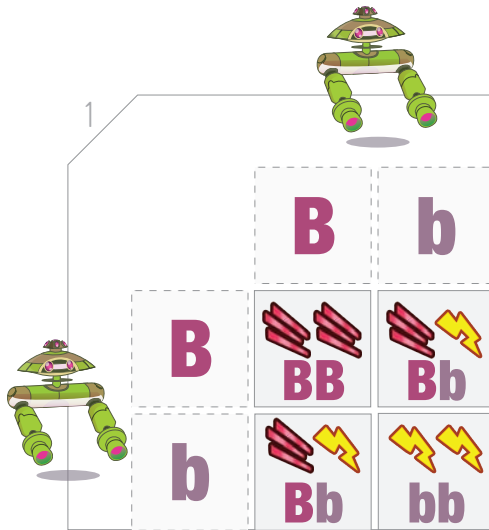
BB & Bb

B

dominant

b

recessive



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Beambots: Possible Genotypes

ELECTRIC



bb



LASER

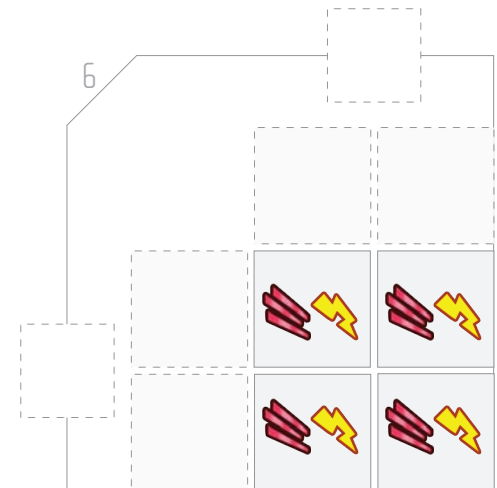
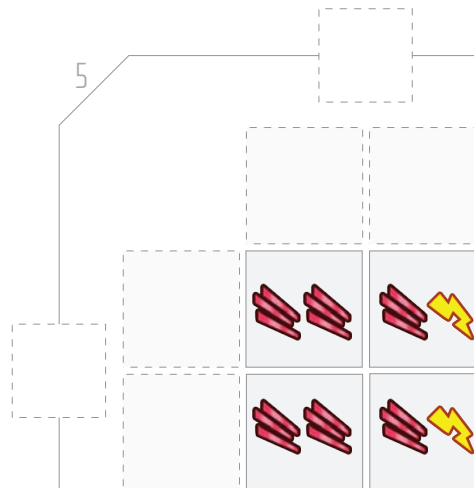
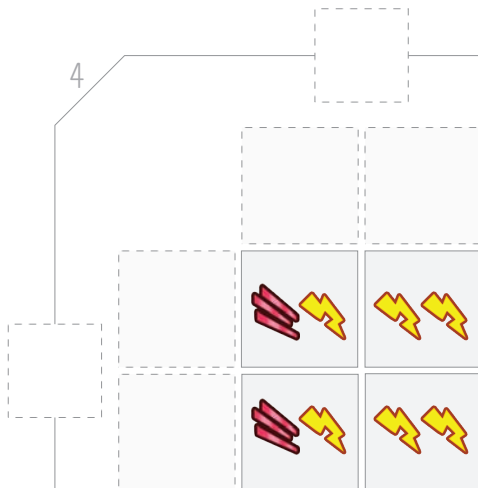
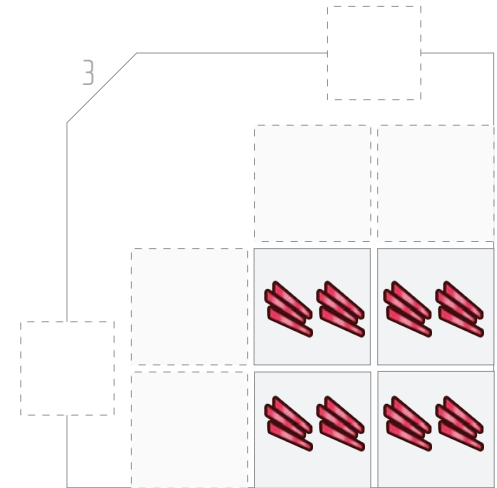
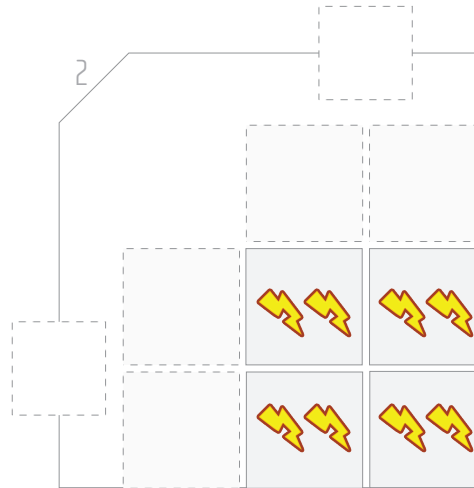
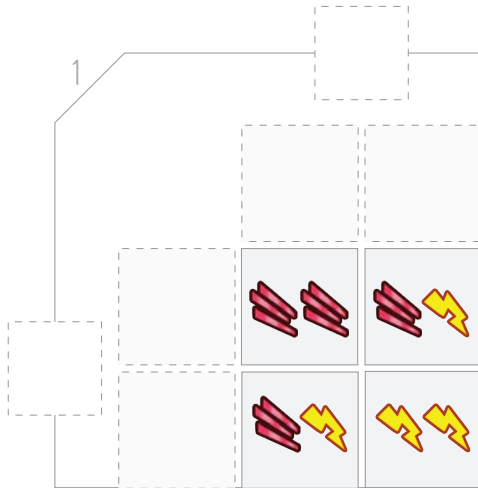


BB & Bb




B  **dominant**

b  **recessive**



Punnett Puzzle : What's My Genotype? Envirobots: Possible Genotypes

What are the genotypes of the Envirobots shown here? The filled-in boxes in each Punnett square show the genotypes of the bots that could be created by recycling the two on the sides. Use that information to figure out the genotypes of the two 'parent' bots.

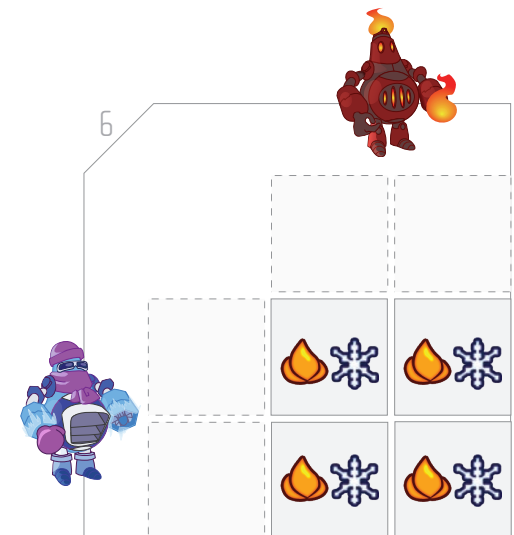
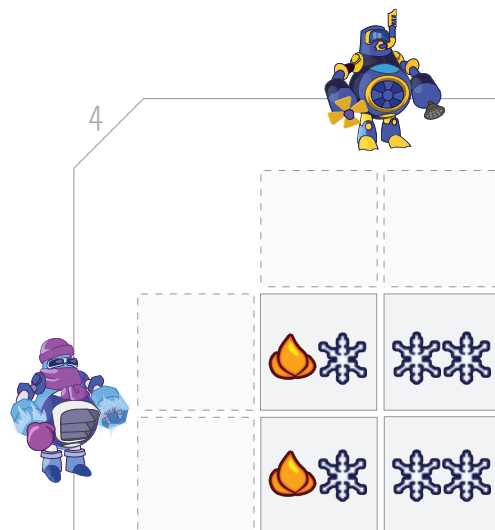
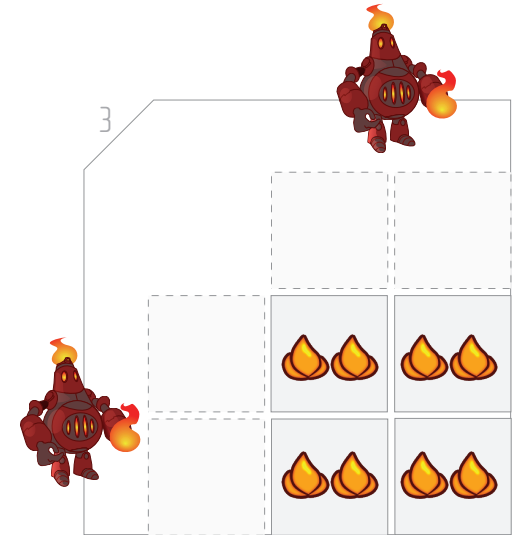
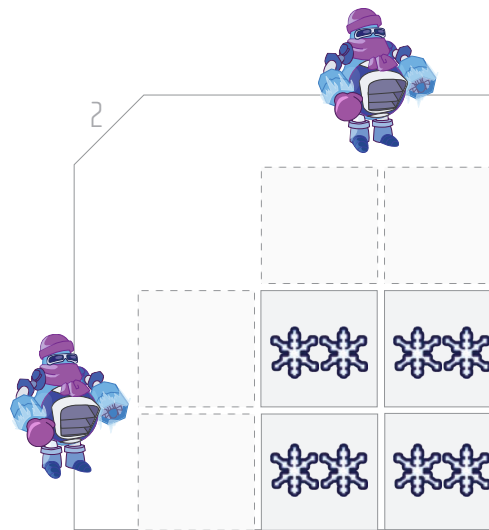
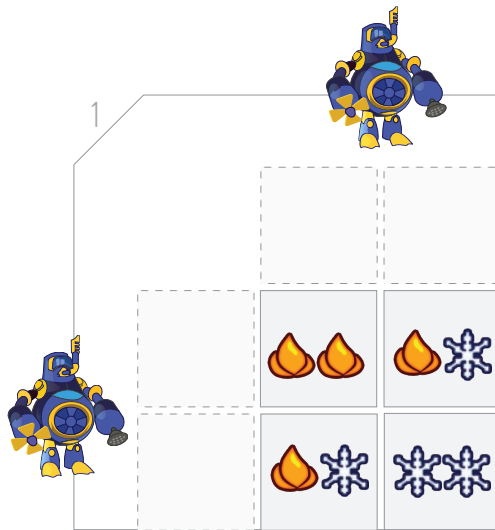
FIRE  **FF** 

ICE  **II** 

WATER  **FI** 

F  **codominant**

I  **codominant**



ANSWER KEY

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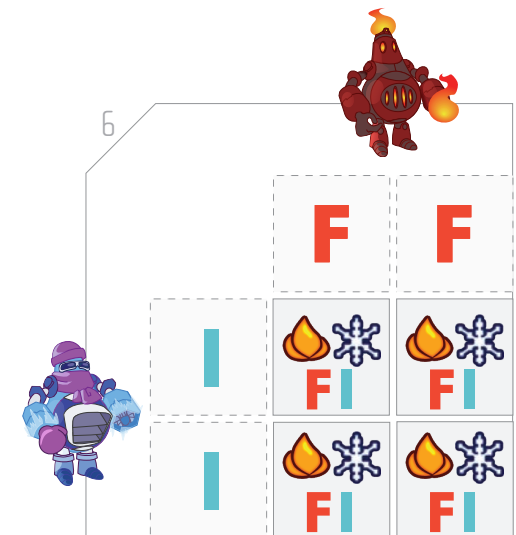
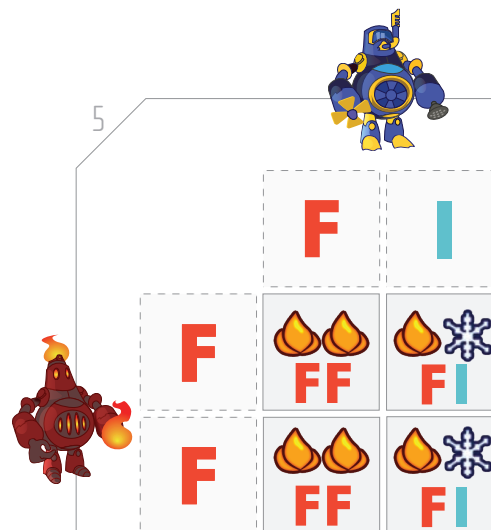
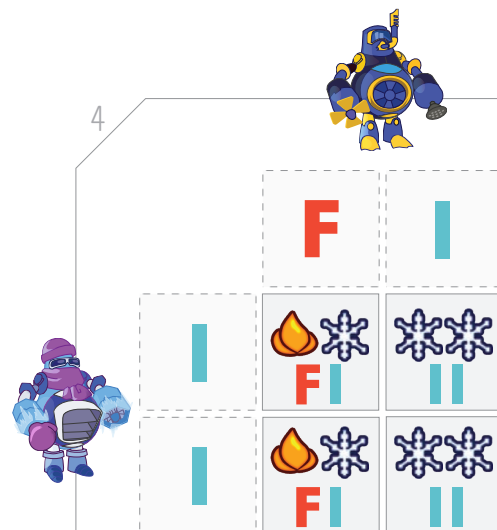
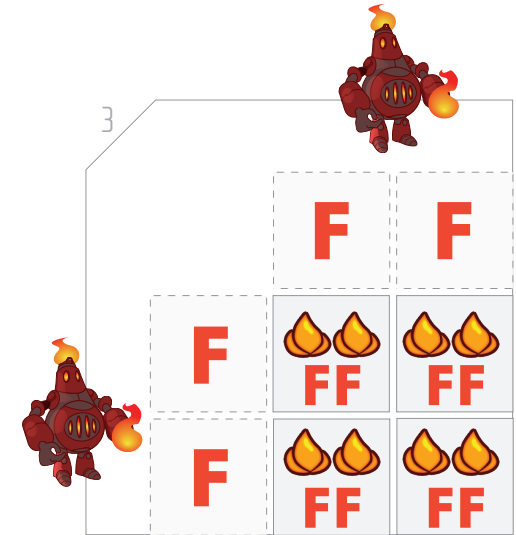
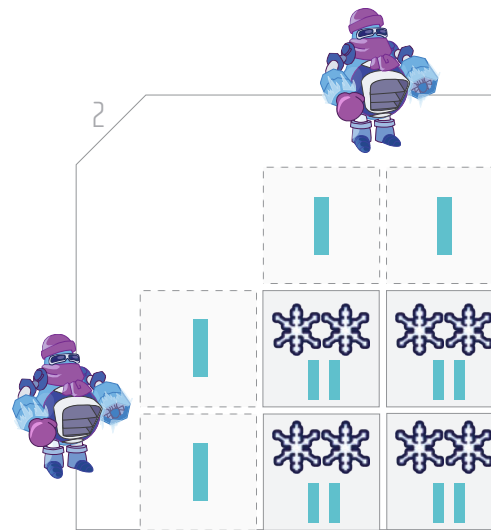
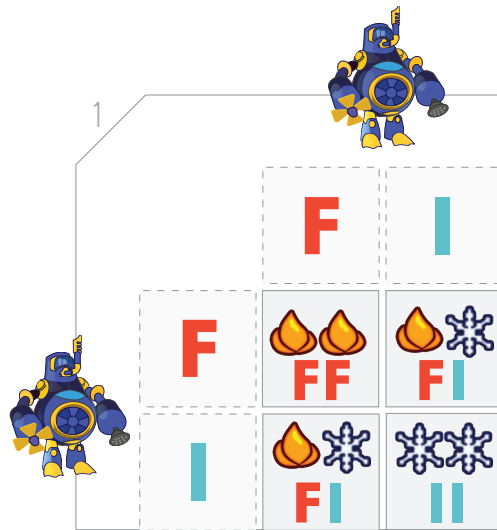
FIRE  **FF** 

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F  **codominant**




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FIRE  **FF**  

ICE  **II**  

WATER  **FI**  

F  **codominant**
I  **codominant**

