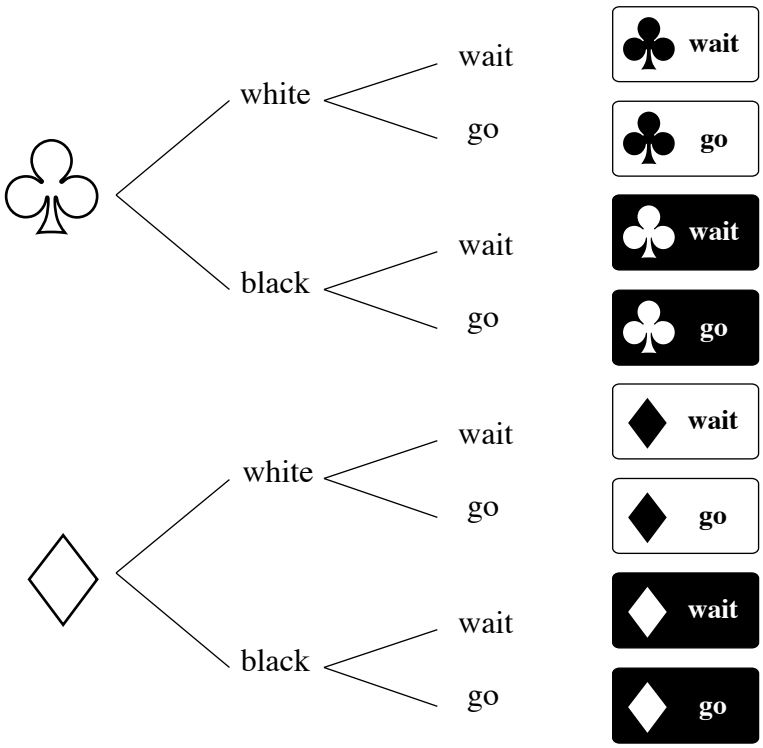
MathFLIX CHALLENGE

Card Combinations: *Easy*

For a survey, Jose wants to distribute different cards to each student. If he uses cards shaped as clubs or diamonds which are either white or black and have either the words wait or go, how many different combinations of cards could Jose create?



Use words, symbols or diagrams to solve the problem. Also, explain in words the steps you took to solve the problem and why you took those steps.

What do you see?
Can you predict the question?
Read the question.
Can you count all the different cards?
What is the answer to the question?
Explain why 2 × 2 × 2 can be used to find an answer.

First, I looked at the diagram **because**_____
Second, I predicted the question from the diagram **because**_____
Next, I read the question **because**_____
Next, I made all of the combinations **because**_____
My answer is _____ **because**_____
Finally, I checked my work and labeled my answer **because** I wanted to get all 12 points for this answer.