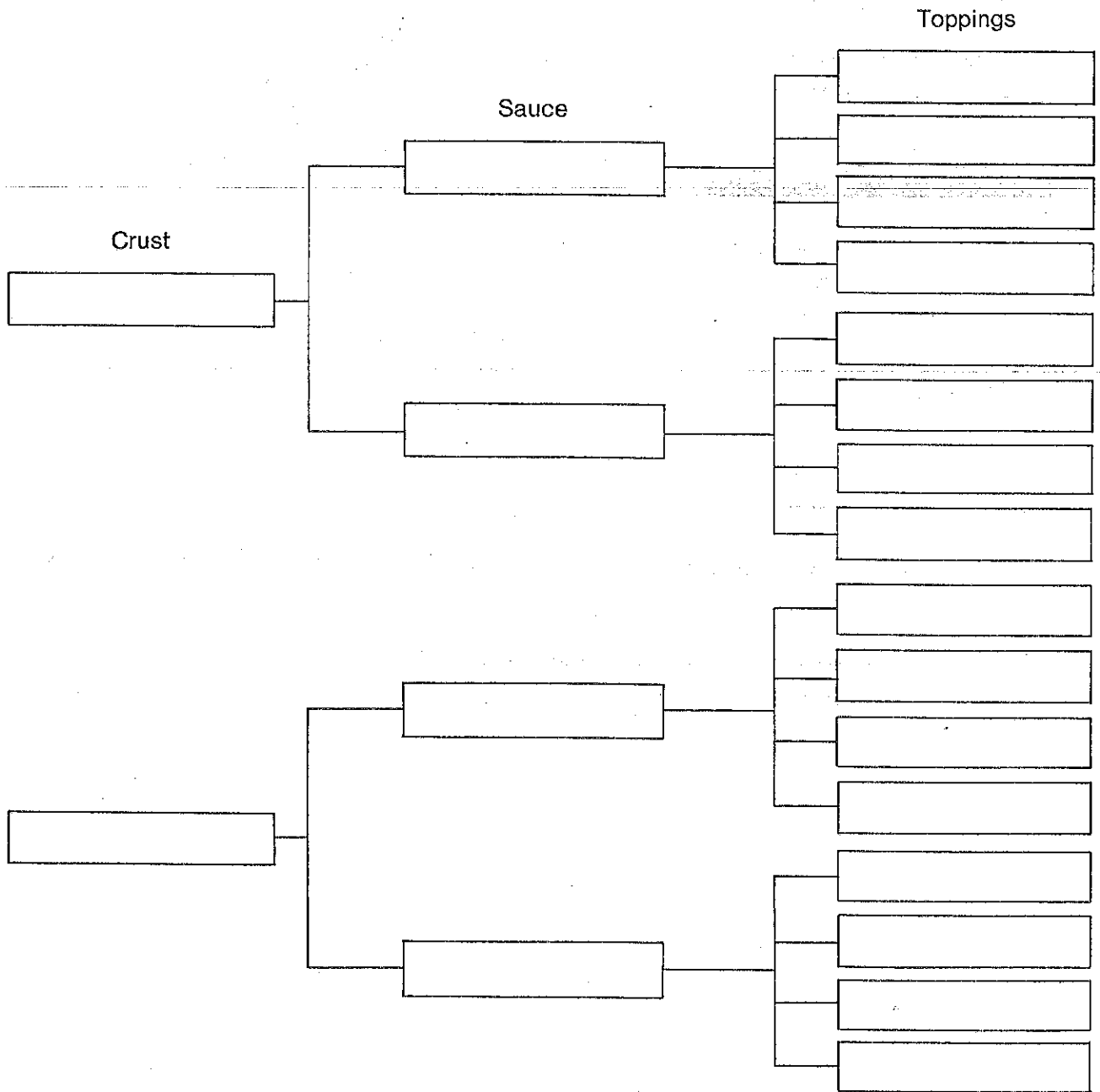


Pizza Menu	
Thin crust	
Thick crust	
Pepperoni	
Mushroom	
Sausage	
Olives	
Regular sauce	
Sauce with extra cheese	



COUNTING USING TREE DIAGRAMS

Draw a tree diagram for each exercise. Find the number of possible outcomes.

1. The continental breakfast at Homefire Inn has toast, muffin, or bagel with coffee, milk, or juice.
2. Jean has a choice of a floral, plaid, or striped shirt with a choice of tan or white slacks.
3. Cheerleading outfits come in 3 sizes: small, medium, and large. The letters come in 2 styles: script and block. The outfits come in 3 colors: blue, red, and green.
4. Notebooks come in 4 colors: red, blue, green, and purple. They come in 2 sizes: 5-subject and 3-subject.
5. Phones come in 2 styles: wall and desk. They come in 5 colors: white, black, mauve, red, and beige.
6. The Corner Sub Shop serves two types of sub sandwiches, a ham sub and a turkey sub. They also serve three beverages: milk, coffee, and soda. They serve chips or fries with each sandwich.
7. Beth, Juan, and Tim are running for Student Council president at Monroe High School. Kelly and Hiroshi are running for vice-president.
8. A bed may be made from oak, mahogany, or maple. It comes in twin, double, queen, and king sizes.
9. Afternoon and evening performances of a play are to be given on Thursday, Friday, Saturday, and Sunday.
10. Joy plays bassoon, clarinet, and oboe. Jeff plays clarinet, saxophone, and piano. How many ways can they play a duet?