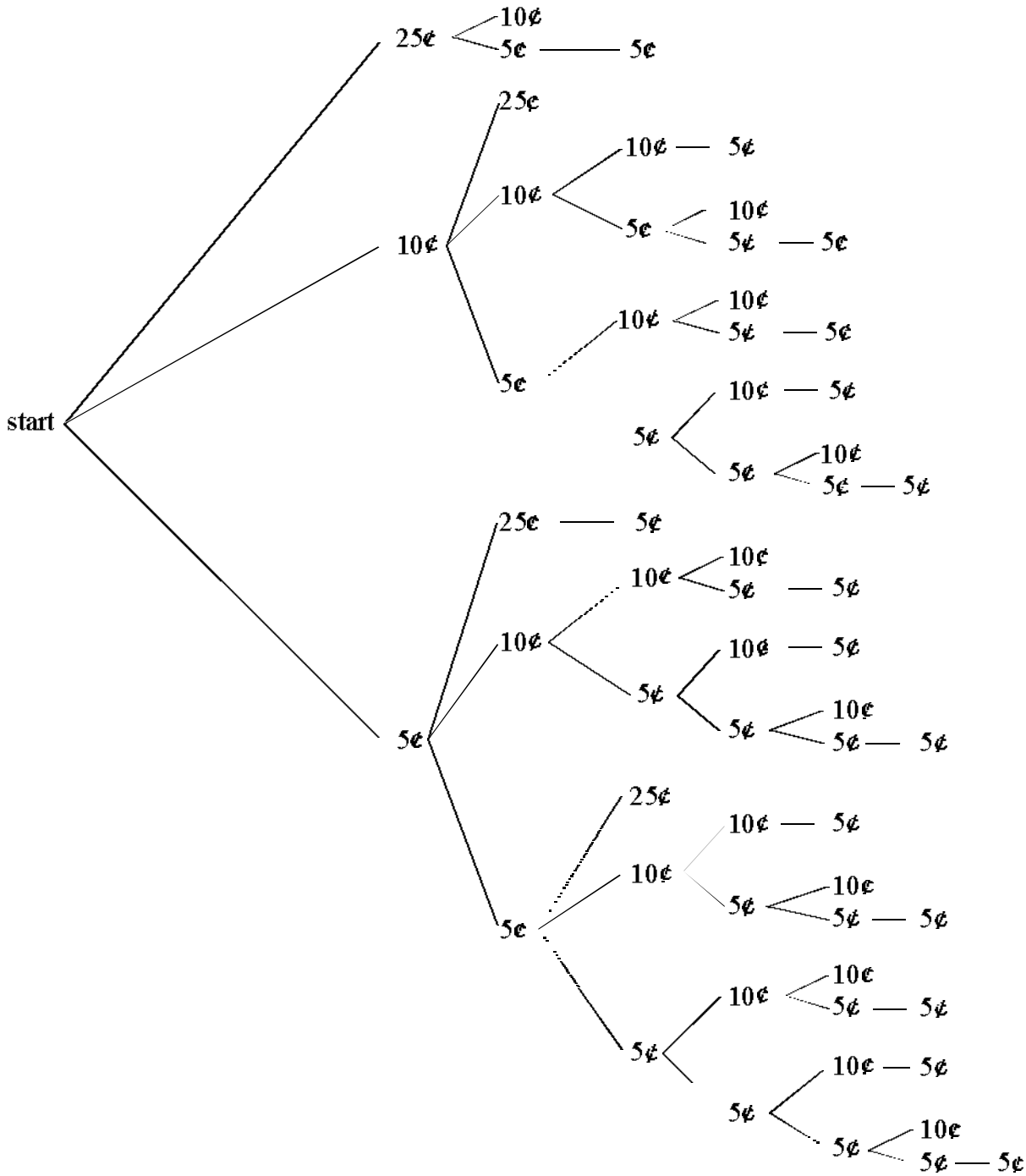
Example 8

A soda vending machine accepts only quarters, dimes and nickels. If a can of soda costs 35 cents, how many ways can you coins with a total value of exactly 35 cents?