

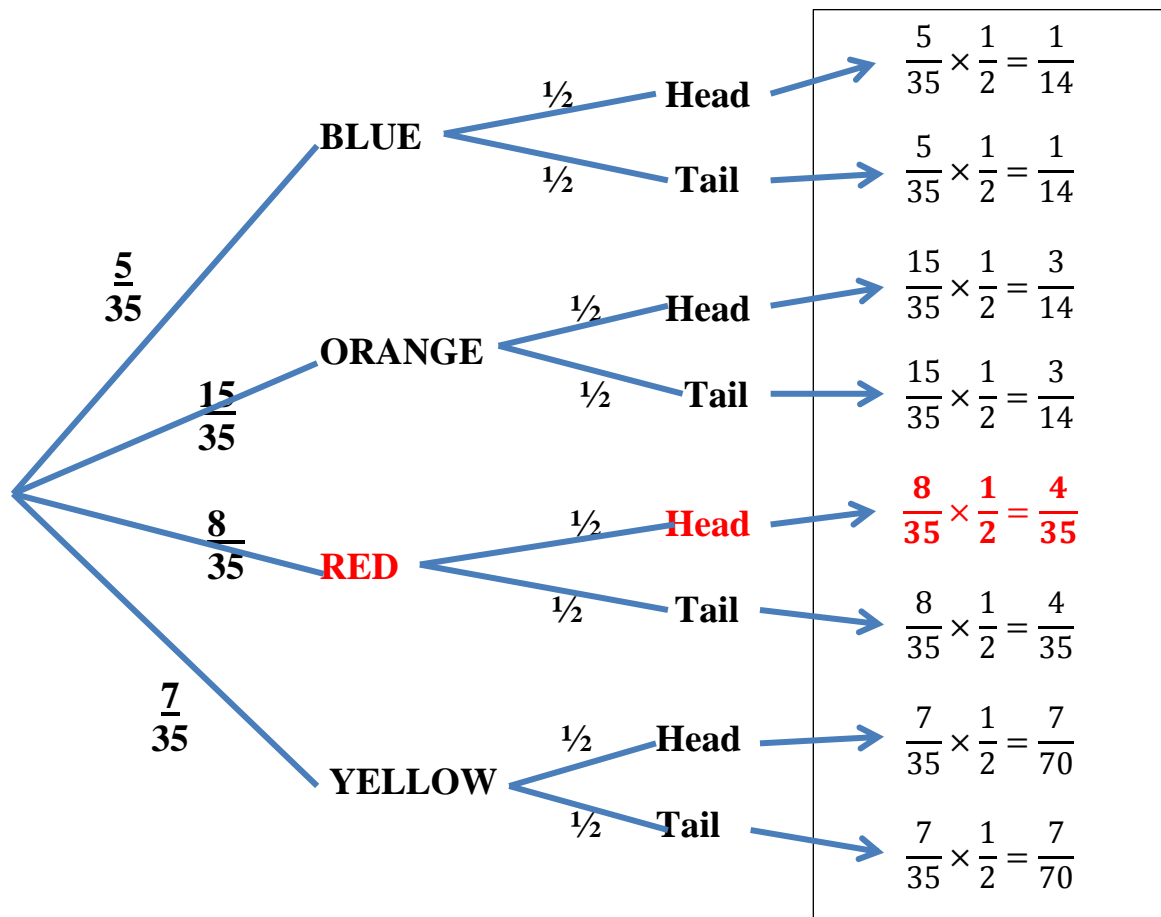
**What is the probability of picking red marbles and heads simultaneously from a basket which has 5 blue marbles, 15 orange marbles, 8 red marbles, and 7 yellow marbles and a coin.**

There is no point in **just** giving an “answer” to a question like this. What is required is a “method” on how to approach such problems.

I need to re-state the question to make it clearer... What is the probability of choosing a red marble and a coin showing “heads”.

(It does not really make sense to say “red marbles and heads”).

Students have no problems with questions like this if they draw **Probability**



This shows all the probabilities and the one particularly requested is **4/35**

If you wanted a SIMPLER version where you are not at all concerned with any marbles other than RED ones you could do this...

