

Ms. Woodbury lets her students borrow pens and pencils on days when they have a quiz. She has a paper bag containing hundreds of wooden pencils, mechanical pencils, and blue pens. Stuart forgot his pencil, and it is quiz day! Ms. Woodbury tells him:

- One out of every three ($\frac{1}{3}$) students who reaches into the bag pulls out a wooden pencil.
 - Two out of every five ($\frac{2}{5}$) students pull out a mechanical pencil.
 - The rest of the students pull out a blue pen.
1. If Stuart reaches into the bag without looking, is it more likely that he will choose a wooden pencil or a mechanical pencil?
 2. How can you describe the probability that Stuart will pull out some kind of pencil—either a wooden pencil or a mechanical pencil—by using the probabilities that you already know?

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