STATE OF THE VIRGINIA TECH COLLEGE OF SCIENCE

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1 / VISION
Let's say you have 5 dice.

How many ways can we roll them so that the dice is 1, 2, 3, 4, 5, 6? Is that likely?

$$\binom{5}{2} \times 5^3 = 305$$

Think about this.

* Each die has *

* It's like the
2 / EDUCATION REIMAGINED
3 / OUR PEOPLE
4 OUTREACH AND IMPACT
END