

ACTION

RESPONSE

Fluency
✓

1. On a fair 6 sided dice what is: P(6) P(even) P(7) P(prime)

Number of rolls	10	20	50	100	1000	5000
Number of tails	3	13	23	54	530	2478
Relative frequency						

- Fill in the relative frequencies.
- Is this coin unbiased?

Reasoning
🔑

Mia takes counter out of a bag and records the colour, then replaces it. She repeats this 50 times

Colour	Red	Yellow	Green	Blue
Frequency	7	18	12	13

If there are 10 counters, estimate how many of each colour.

Problem Solving
🧮

Peter has a 6 sided die. Jasmine has a die with a different amount of sides on it.

Peter rolls a 6. The probability that Jasmine rolls a higher number than Peter is 0.25.

How many sides does her die have?



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