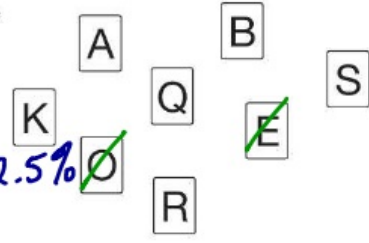


Please do these problems in your spiral

A card is randomly chosen. Find each probability. Write each answer as a fraction, a decimal, and a percent.



1. $P(B)$ PROBABILITY OF PICKING CARD B

2. $P(Q \text{ or } R)$ $\frac{2}{8} = \frac{1}{4}, 0.25, 25\%$ $\frac{1}{8}, 0.125, 12.5\%$

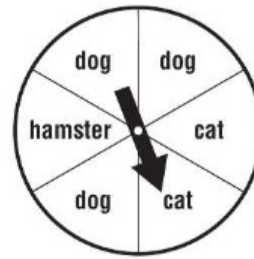
3. $P(\text{vowel})$ $\frac{3}{8}, 0.375, 37.5\%$

4. $P(\text{consonant or vowel})$ $\frac{8}{8}, 1, 100\%$

5. $P(\text{consonant or A})$ $\frac{6}{8} = \frac{3}{4}, 0.75, 75\%$

6. $P(T)$ $\frac{0}{8}, 0, 0\%$

The spinner shown is spun once. Write a sentence explaining how likely it is for each event to occur.



7. $P(\text{dog})$ $\frac{3}{6} = \frac{1}{2} \rightarrow$ EQUALLY LIKELY

8. $P(\text{hamster})$ $\frac{1}{6} \rightarrow$ HIGHLY UNLIKELY

9. $P(\text{dog or cat})$ $\frac{5}{6} \rightarrow$ MOST OR HIGHLY LIKELY

10. $P(\text{bird})$ $\frac{0}{6} \rightarrow$ IMPOSSIBLY

11. $P(\text{mammal})$ $\frac{6}{6} \rightarrow$ CERTAIN

WEATHER The weather reporter says that there is a 12% chance that it will be moderately windy tomorrow.

12. What is the probability that it will not be windy?

13. Will tomorrow be a good day to fly a kite? Explain.

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