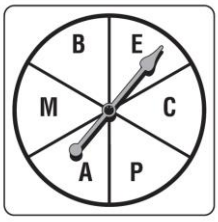
Do all the work in your notebook not on this worksheet

Probability of Simple Events

The spinner shown is spun once. Find each probability. Write each answer as a fraction, a decimal, and a percent.



1. *P*(C)

2. *P*(G)

3. *P*(M or P)

4. *P*(B, E, or A)

5. *P*(*not* vowel)

6. *P*(*not* M)

Eight cards are marked 3, 4, 5, 6, 7, 8, 9, and 10 such that each card has exactly one of these numbers. A card is picked without looking. Find each probability. Write each answer as a fraction, a decimal, and a percent.

7. *P*(9)

8. *P*(3 or 4)

9. *P*(greater than 5)

10. *P*(less than 3)

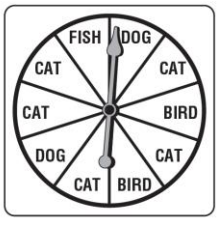
11. *P*(odd)

12. *P*(4, 7, or 8)

13. *P*(*not* 6)

14. *P*(*not* 5 and *not* 10)

The spinner is spun once. Write a sentence stating how likely it is for each event to happen. Find the probability of the event happening. Write each answer as a fraction, a decimal, and a percent.



15. fish

16. cat

17. bird, cat, or fish

18. PLANTS Of the water lilies in the pond, 43% are yellow. The others are white. A frog randomly jumps onto a lily. Describe the complement of the frog landing on a yellow lily and find its probability.