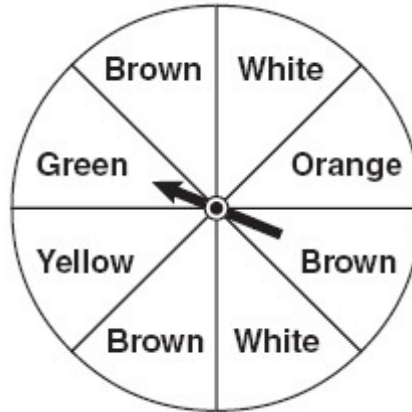


Name \_\_\_\_\_  
Mr. Schlansky

Date \_\_\_\_\_  
Algebra II

## *Basic Probability*

What is the probability that the spinner



1. lands on white?

2. does not land on white?

3. lands on orange?

4. does not land on orange?

5. lands on brown?

6. does not land on brown?

7. lands on yellow?

8. does not land on yellow?

9. lands on green?

10. does not land on green?

11. lands on white or green?

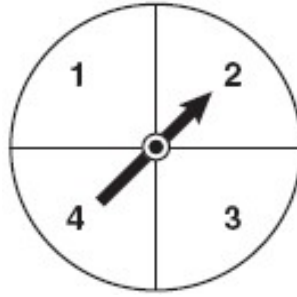
12. lands on green or yellow?

13. Lands on white or brown?

14. Lands on orange or yellow?

15. Lands on green or white?

What is the probability that the spinner:



16. lands on an even number? 17. lands on a number greater than 1? 18. lands on a 4 or 1?

19. lands on an even number or a 3?

20. Lands on an even number or a 2?

A fair six sided die is rolled. What is the probability that it lands on:

21. a number less than 5

22. A multiple of 3

23. A factor of 8

24. a number that's even or less than 4

25. An even number and a factor of 10

A class consists of 12 boys and 16 girls. What is the probability that a randomly chosen student is a:

26. boy

27. girl

A jar of marbles contains 3 red marbles, 4 blue marbles, and 5 white marbles. What is the probability that a randomly chosen marble is:

28. red

29. White

30. Not blue

31. Not red