Probability Review #2 Algebra 1

Probability and Statistics Review

Find the mean median, mode and range of each set of numbers.

1. 14, 26, 22, 27, 26

Find the missing number that makes the given mean.

2. 80, 93, 91, x; mean 90

Use the given spinner to calculate the probability.

3. P(4)

4. P(number less than 5)

You roll a number cube. Calculate the odds for each situation.

5. Odds in favor of rolling a 2 or 3

6. Odds against rolling a 6

Find the probability of the given situation.

7. You pick two marbles out of a bag containing 3 red, 6 blue, and 4 yellow. What is the probability of pulling a blue marble then a yellow marble if you do not replace the first marble?

8. Using the word "GEOMETRY," what is the probability of randomly choosing E, then E if you replace the letters?



Name_____

9. You have 6 shirts and 4 pairs of shorts. How many different outfits do you have?

10. Five people are lining up for lunch. How many different ways can they do this?

11. There are 10 athletes running in track. How many different ways can they be assigned to a lane?

12. How many ways can you assign 3 positions for your baseball team with 11 players?

13. A group of 16 students has a student council of 5 people. How many different combinations of the team can be made?

14. A business makes 10 different types of shirts. If they fill orders with 4 shirts, how many different combinations can be made without repeating a shirt?

Simplify each expression.

15.	P.	16. P	17. C	18.	C
	6-2	12 3	$25 C_5$		43 3