SECONDARY MATH II
DOMAIN 4 STANDARD S.CP.1
PROBABILITY FRACTIONS/PERCENTS

NAME_____
DATE_____
CLASS_____

One card is drawn at random. Write the probabilities as fractions and percents.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

1. P(8)

2. P(11)

3. P(less than 11)

4. P(dotted)

5. P(even or dotted)

6. P(even and dotted)

7. P(plain and prime)

8. P(plain or prime)

9. P(more than 4 or striped)

10. P(more than 4 and striped)

11. The probability that Stan will marry is 76%. What is the probability that he will not marry?

12. The probability of a dropped piece of bread falling buttered side down is 4/5.
    What is the probability that it will not fall buttered side down?

13. The probability that the stoplight is red is 3/7, and the probability that it is green is 3/7.
    What is the probability that it is yellow?

Write as percents.

14. 46/50   15. 3/4   16. 23/20   17. 66/200   18. 66/300   19. 246/200

Write as reduced fractions.

20. 50%   21. 75%   22. 10%   23. 100%

Estimate.

24. 45/49   25. 1/9   26. 4/11   27. 63/299

BRAIN BUSTER: Find the start number.