Name _____   Date_____

Worksheet 11.2 : Single Event Probability

One of these names is to be drawn from a hat. Determine each probability below:

Mary   Jenny   Bob   Marilyn   Bill   Jack   Jerry   Tina   Connie   Joe
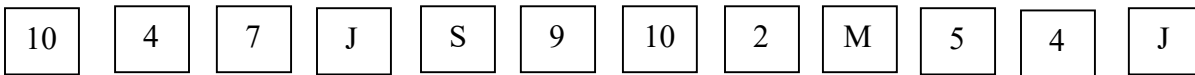
1. P(3-letter name) = $\dfrac{2}{10}$ or $\dfrac{1}{5}$ *(What is the probability of drawing a 3-letter name?)*

2. P(4-letter name) = _____   3. P(name starting with B) = _____

4. P(name starting with T) = _____   5. P(7-letter name) = _____

6. P(name starting with S) = _____   7. P(name ending with Y) = _____

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One of these cards will be drawn without looking.

10	4	7	J	S	9	10	2	M	5	4	J

8. P(2) = $\dfrac{1}{12}$ $\dfrac{number\ of\ twos}{total\ number\ of\ cards}$
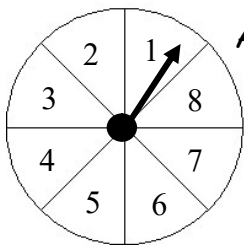
9. P(5) = _____   10. P(J) = _____   11. P(a number) = _____

12. P(4) = _____   13. P(T) = _____   14. P(a letter) = _____

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One card is drawn from a well-shuffled deck of 52 cards. What is the probability of drawing...

15. P(ace) = _____   16. P(face card – K, J, Q) = _____

17. P(a red 10) = _____   18, P(NOT a diamond) = _____

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A spinner, numbered 1–8, is spun once. What is the probability of spinning...

19. an EVEN number? _____   20. a multiple of 3? _____

21. a PRIME number? _____   22. 9? _____