Name _____ Date_____

Worksheet: 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) = _____ *(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) = _____

One of these cards will be drawn without looking.

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

8. P(2) = _____

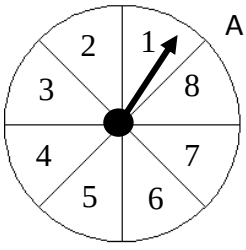
9. P(5) = _____ 10. P(J) = _____ 11. P(a number) = _____

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

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) = _____



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? _____