

Name \_\_\_\_\_



Date \_\_\_\_\_

## Probability

Enter answers  
in text boxes.

**Complete.**

1. There are 6 things in a hat. How many ways can you pick 3 things from the hat at once?	2. There are ten players on the basketball team. How many ways can a starting lineup of five players be chosen?
3. Connor, Caleb, Mackenzie, Nicholas, and Jason ran in a race. In how many different orders can they finish the race?	4. How many ways can a president and vice-president be selected in a class of fifteen students?
5. In how many ways can Matthew, William, Destiny, and Noah stand in line?	6. How many combinations of two letters are possible from the letters H, G, and K?
7. How many permutations can you make from the letters F, U, and T?	8. There are 3 things in a hat. How many ways can you pick 1 thing from the hat at once?
9. How many four person committees can be chosen from a group of seven people?	10. How many four person committees can be chosen from a group of eight people?
11. How many six digit numbers can you make by arranging the numbers 1, 9, 2, 7, 6, and 4?	12. There are 4 things in a hat. How many ways can you pick 2 things from the hat at once?
13. How many permutations can you make from the letters A, G, F, T, and L?	14. How many two person committees can be chosen from a group of six people?
15. How many combinations of two letters are possible from the letters K, U, and G?	16. Emily, Rebecca, and Danielle ran in a race. In how many different orders can they finish the race?
17. How many five digit numbers can you make by arranging the numbers 7, 3, 9, 1, and 6?	18. How many permutations can you make from the letters A through G?
19. There are 9 things in a hat. How many ways can you pick 5 things from the hat at once?	20. How many three person committees can be chosen from a group of nine people?