

Name _____



Date _____

Probability

Complete.

1. In how many ways can Kyle, Ryan, Sean, Victoria, and Timothy stand in line?	2. Dylan, Destiny, Mackenzie, and Noah ran in a race. In how many different orders can they finish the race?
3. How many ways can a president and vice-president be selected in a class of twenty-one students?	4. How many permutations can you make from the letters V, K, G, P, and R?
5. How many five digit numbers can you make by arranging the numbers 7, 1, 4, 3, and 2?	6. How many ways can a president and vice-president be selected in a class of twenty-four students?
7. In how many ways can Amber, Emma, David, Joshua, Jessica, and Hailey stand in line?	8. How many permutations can you make from the letters A through E?
9. Emma, Jose, Makayla, Emily, and Connor ran in a race. In how many different orders can they finish the race?	10. How many permutations can you make from the letters B, J, I, and F?
11. How many three digit numbers can you make by arranging the numbers 8, 9, and 6?	12. How many permutations can you make from the letters A through I?
13. How many ways can a president and vice-president be selected in a class of twenty-five students?	14. Hailey, Kaylee, and Isaac ran in a race. In how many different orders can they finish the race?
15. How many permutations can you make from the letters Z, Y, and R?	16. How many four digit numbers can you make by arranging the numbers 7, 9, 8, and 3?
17. In how many ways can Nicole, Jennifer, Jacob, and Samuel stand in line?	18. How many permutations can you make from the letters A through H?
19. How many six digit numbers can you make by arranging the numbers 2, 5, 6, 9, 7, and 4?	20. In how many ways can Brian, Jason, Benjamin, Brittany, Alyssa, and Olivia stand in line?