

**Imagine a turkey dinner** with six choices of foods: turkey, potatoes, corn, carrots, cake, and pie. Depending on your choices, you and your family and friends could all eat together, but all have different meals.

If you chose any foods you wanted, how many different combinations could you make from these six foods?



You could choose carrots, potatoes, and corn.



You could choose turkey, potatoes, carrots, and pie.



How many different ways can you combine these six dishes? Use counters or draw, if you like.

one food \_\_\_\_\_

two foods \_\_\_\_\_

three foods \_\_\_\_\_

four foods \_\_\_\_\_

five foods \_\_\_\_\_

six foods \_\_\_\_\_

total \_\_\_\_\_