

Turn	Items Selected	Total items in bag	Pencils remaining in bag	Theoretical probability of drawing a pencil
0	NONE	16	4	$\frac{4}{16}$ or $\frac{1}{4}$ or 25%
1	Ruler	15	4	
2	Pen	14		
3	Eraser			
4	Eraser			
5	Pen			
6	Pencil			
7	Eraser			
8	Ruler			
9	Pen			
10	Eraser			
11	Pencil			
12	Pen			
13	Ruler			
14	Pencil			
15	Ruler			
16	Pencil			