## **Disjoint vs. Independence Activity**

Even single-digit numbers Odd single-digit numbers

Events:

С	Single-digit numbers less than 4		
D	Single-digit numbers greater than 4		
E	Multiples of 3 that are single-digit numbers		
F	Multiples of 4 that are single-digit numbers		
G	Factors of 10 that are single-digit numbers		
Н	Single-digit prime numbers greater than 2		
I	Integers greater than -1 and less than 10		
seco			why they are disjoint or not disjoint. In the how your formula and work to demonstrate your
		Disjoint or Not Disjoint?	Independent or Dependent?
1.	C and D		
2. A and B			
3.	C and H		
4.	B and E		
5. H and I			
6. G and F			
7. G and B			
8	A and G		

Reminder: Single-digit numbers refer to {0, 1, 2, 3, 4, 5, 6, 7, 8, 9}

Retrieved from the companion website for Your Mathematics Standards Companion, High School: What They Mean and How to Teach Them by Frederick L. Dillon, W. Gary Martin, Basil M. Conway IV, and Marilyn E. Strutchens. Thousand Oaks, CA: Corwin, www.corwin.com. Reproduction authorized only for the local school site or nonprofit organization that has purchased this book.