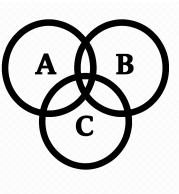
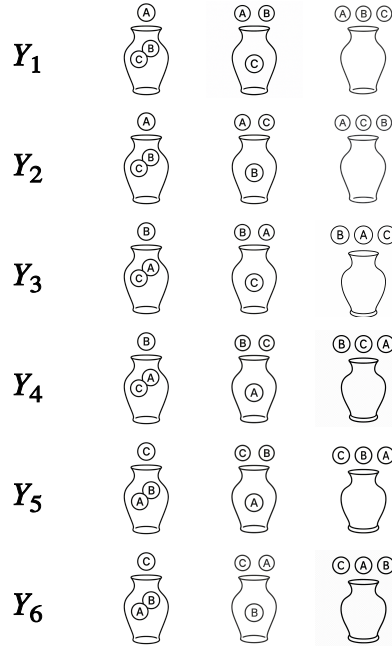
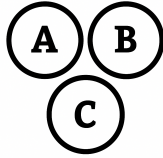


E

Counting

E



$$N = \{A, B, C\}$$

$$Y = \text{⊕}(N, 3)$$

$$|Y| = |N| \times (|N|-1) \times (|N|-2)$$

$$|Y| = 3 \times 2 \times 1 = 6$$

$$M = \{T, H\}$$

$$X = \text{⊕}(M, 3)$$

$$|X| = |M| \times |M| \times |M|$$

$$|X| = 2 \times 2 \times 2 = 8$$

?

$$S = \{1, 2\}$$

$$T = \{1, 2, 3\}$$

$$|\text{⊕}(S, 1)| \times |\text{⊕}(T, 1)| = ?$$

E

Counting

E



$$S = \{1,2\}$$

$$T = \{1,2,3\}$$

$$|\textcircled{S}| \times |\textcircled{T}| = |S| \times |T| = 2 \times 3 = 6$$