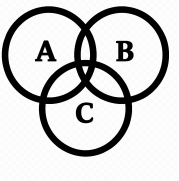
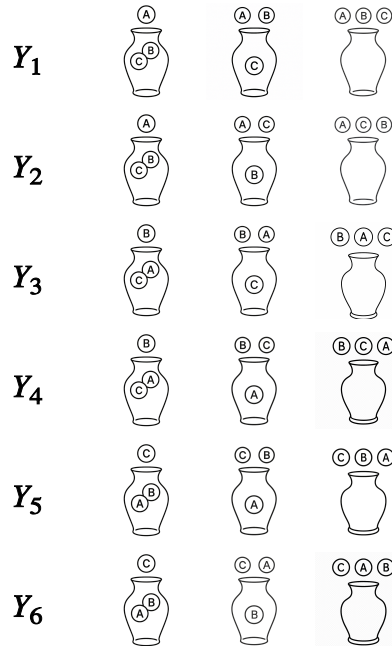
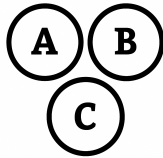


M

Counting

M



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

$$Y = \textcircled{\equiv}(N, 3)$$

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

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

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

$$X = \textcircled{\equiv}(M, 3)$$

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

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

?

$$A = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$$

$$B = \{0, 1, 2, 3, 4, 5, 6, 7, 8, 9\}$$

$$C = \{1, 3, 5, 7, 9\}$$

$$|\textcircled{\equiv}(A, 1)| \times |\textcircled{\equiv}(B, 2)| \times |\textcircled{\equiv}(C, 1)| = ?$$

M

Counting

M



$A = \{1,2,3,4,5,6,7,8,9\}$

$B = \{0,1,2,3,4,5,6,7,8,9\}$

$C = \{1,3,5,7,9\}$

$| \times (A,1) | \times | \times (B,2) | \times | \times (C,1) | = |A| \times |B| \times |B| \times |C| = 9 \times 10 \times 10 \times 5 = 4,500$