

Subject:
Date:

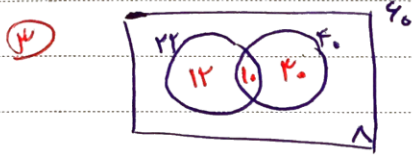
کتاب ریاضیات ۴

① $x - y = x - y = 1$
 $x - y = 1 \rightarrow x = y + 1$

$x - y = 1 \rightarrow y = x - 1$

② $A = \left\{ \frac{1}{x^2} \mid x \in \mathbb{N} \right\}$

$B = \{ 1 + x^2, x^2 + x^2 \}$
 $= \{ 1, 2 \}$



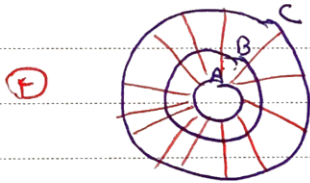
$U - A = B$

$A \cup B = U$

$U - B = A$

مقطع

$A \cap B = \emptyset$



⑤ $A = \{ \{ \emptyset \}, \emptyset \} \xrightarrow{\text{مجموعه}} \{ \emptyset, \{ \emptyset \} \}, A, \emptyset$

⑥ $\mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$

⑦ $A = \{ (x, y), (y, x), (x, x), (y, y) \}$

$P(A) = \frac{2^2}{12}$