

$$\sqrt{4} < \sqrt{5} < \sqrt{9} \Rightarrow 2 < \sqrt{5} < 3 \quad \text{نادرست} \quad \text{درست}$$

$N \subset Z \Rightarrow N - Z = \emptyset$ (۲) اعضو $\{1, 2\}, \{2, 3\} \subset B$ تباری هستند.

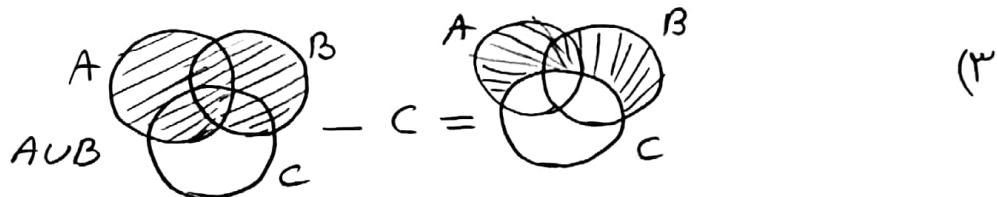
$$P(A) = \frac{1}{4^2} \Leftarrow 4 \times 4 = 16 \text{ دایم بر عکس احتمال حادث} \quad (1-C)$$

$$3^2 + 1^2 = 9 + 1 = 10 \Rightarrow \sqrt{10} \quad (2) \text{ نزدیکی اتف}$$

$$\text{شرطها: } x = -1, 0, 1 \Rightarrow A = \{2x(-1), 2x0, 2x1\} = \{-2, 0, 2\} \quad (1-D)$$

$$A = \{\dots, -\sqrt{100}, \frac{\frac{44}{4} - \frac{44}{4}}{-4^2}, (-2)^2\} = B = \{-10, \dots, \sqrt{14}, \frac{(-4)^2}{-\sqrt{14}}\} \quad (2)$$

$$\Rightarrow A = \{\boxed{-1}, -10, 0, 4\} = B = \{-10, \boxed{1}, 4, -1\}$$



(ا) $a \in k \checkmark$ (ب) $c \in k \times$ (ج) $\{a, b, c\} \subset k \times$ (د) $\{a, b, c\}$ عضوان مجموعه است.

ب) عکاری صورها ۳ عضواست. بارگذیری مجموعه ۸ است.

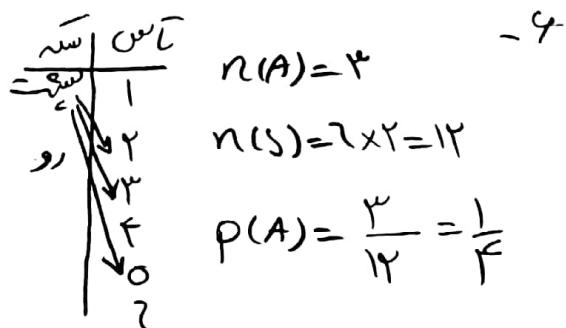
$$(ا) Z \neq Q' \rightarrow N \subset Q \quad / \quad (د) Q \cup Q' = R$$

$$\rightarrow Z - Q' = Z - \underbrace{Z \cap Q'}_{\emptyset} = Z - \emptyset = Z$$

$$n(S) = 3+4+3 = 12 \quad -v$$

$$n(A) = 4$$

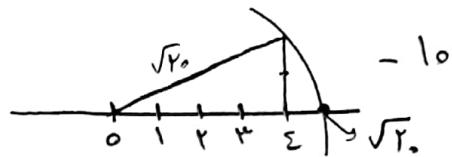
$$P(A) = \frac{4}{12} = \frac{1}{3}$$



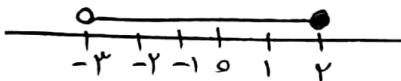
$$\frac{-4 \frac{1}{4} \div 2 \frac{1}{4}}{1 - \frac{1}{4 - \frac{1}{4}}} = \frac{-\frac{1}{4} \div \frac{1}{4}}{1 - \frac{1}{\frac{9-1}{4}}} = \frac{-\frac{1}{4} \times \frac{4}{4}}{\frac{1-1}{4}} = \frac{-\frac{1}{4}}{0} = \frac{-4 \times 1}{4 \times 0} = \frac{-12}{0} \quad -A$$

$$1) \frac{r_0}{q_{00}} = \frac{r \times r \times r}{r \times r \times r \times q} = \frac{r}{r \times q} \rightarrow \text{معنی} / 2) \frac{r_0}{q_0} = \frac{10}{q} = r \times r \quad \text{لما} \quad -9$$

$$r + 14 = 20 \Rightarrow ② + ④ = 20 \quad \text{از زاده اضافه} = 2, r$$



$$A = \{x \in R \mid -4 < x \leq 2\}$$



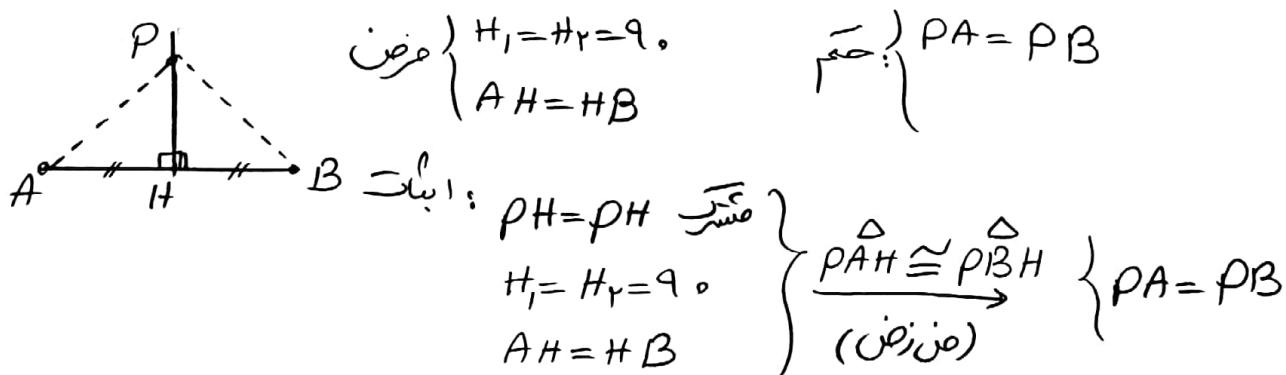
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$$(ii) \sqrt{(\sqrt{4}-1)^2} = |\sqrt{4}-1| = \sqrt{4}-1 \quad \text{مثبت} \quad \rightarrow |\sqrt{4}-\sqrt{10}| = -4+\sqrt{10} \quad \sqrt{4} < \sqrt{10} < \sqrt{11} \quad -12$$

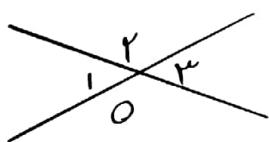
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$$\begin{cases} \text{فرض: } AB = DC \\ AB \parallel DC \\ AD = BC \\ AD \parallel BC \end{cases} \quad \hat{A} = \hat{B} = \hat{C} = \hat{D} = 90^\circ \quad \text{معنی: } AC = BD \quad -14$$

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$$\begin{cases} O_1 + O_2 = 180^\circ \\ O_2 = O_1 = 180^\circ \end{cases} \rightarrow O_1 = O_2$$

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آخر میان زم هر دست