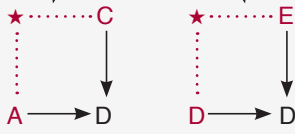
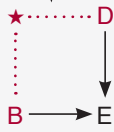


## TEST - 1 ÇÖZÜMLER

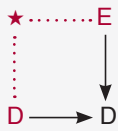
1.  $(A \star C) \star [B \star (D \star E)]$



$= D \star [B \star D]$

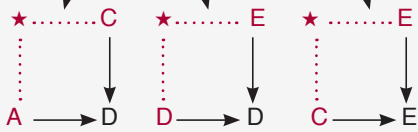


$= D \star E$

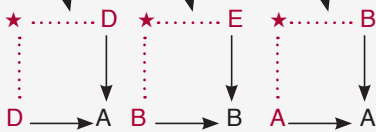


Cevap: B

2.  $[(A \star C) \star (D \star E)] \star [B \star (C \star E)]$

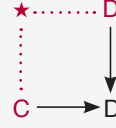


$= [D \star D] \star [B \star E] = A \star B = A$

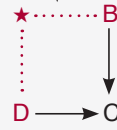


Cevap: D

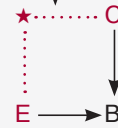
3.  $\{E \star [(C \star D) \star B]\} \star ? = E$



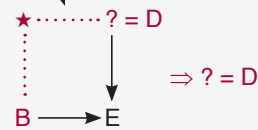
$\{E \star [D \star B]\} \star ? = E$



$\{E \star C\} \star ? = E$



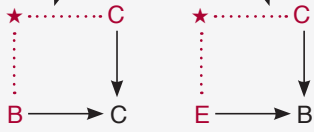
$B \star ? = E$



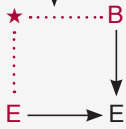
Cevap: D

## TEST - 1 ÇÖZÜMLER

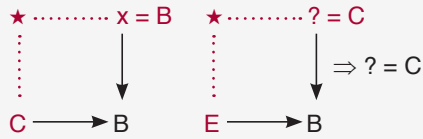
4.  $(B \star C) \star \{[(E \star (E \star C)) \star ?]\} = B$



$C \star \{[E \star B] \star ?\} = B$

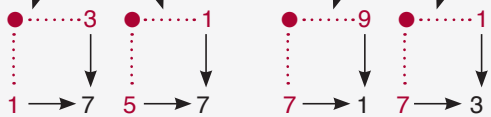


$C \star \underbrace{\{E \star ?\}}_x = B \Rightarrow \{E \star ?\} = B$



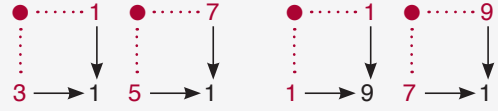
Cevap: B

5.  $(1 \bullet 3) \bullet \{[(5 \bullet 1) \bullet 9]\} = 7 \bullet [7 \bullet 9] = 7 \bullet 1 = 3$



Cevap: B

6.  $7 \bullet \{[(3 \bullet 1) \bullet (5 \bullet 7)]\} = 7 \bullet [1 \bullet 1] = 7 \bullet 9 = 1$



$\Rightarrow 1 \bullet 5 = 1$

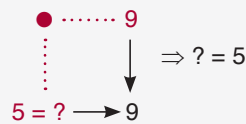


Cevap: B

7.  $(3 \bullet 5) \bullet \{[? \bullet (9 \bullet 7)]\} = 1 \Rightarrow 7 \bullet \underbrace{[? \bullet 9]}_x = 1$



$\Rightarrow [? \bullet 9] = x = 9$



Cevap: D

8.  $[? \bullet (1 \bullet 3)] \bullet \{[(9 \bullet 7) \bullet 3]\} = 5 \Rightarrow [? \bullet 7] \bullet [9 \bullet 3] = 5$



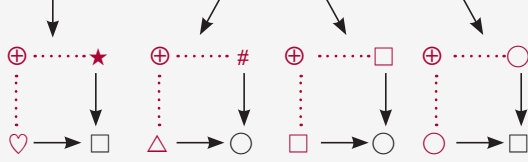
$\Rightarrow \underbrace{[? \bullet 7]}_x \bullet 1 = 5 \Rightarrow [? \bullet 7] = x = 9$



Cevap: E

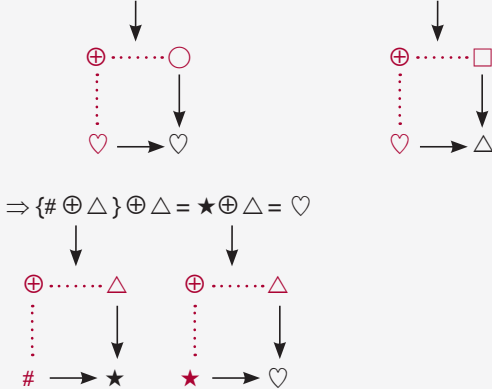
## TEST - 1 ÇÖZÜMLER

9.  $[(\heartsuit \oplus \star) \oplus \square] \oplus (\triangle \oplus \#) = [\square \oplus \square] \oplus \bigcirc = \bigcirc \oplus \bigcirc = \square$



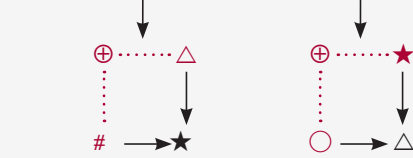
Cevap: D

10.  $\{\# \oplus [(\heartsuit \oplus \bigcirc) \oplus \square]\} \oplus \triangle = \{\# \oplus [\heartsuit \oplus \square]\} \oplus \triangle$

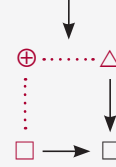


Cevap: C

11.  $\{? \oplus (\# \oplus \triangle)\} \oplus \{\square \oplus (\bigcirc \oplus \star)\} = \heartsuit$



$$\Rightarrow \{? \oplus \star\} \oplus \{\square \oplus \triangle\} = \heartsuit$$

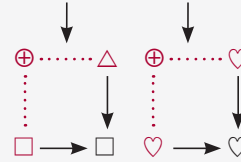


$$\underbrace{\{? \oplus \star\} \oplus \square}_{x} = \heartsuit \Rightarrow \{? \oplus \star\} = x = \bigcirc$$

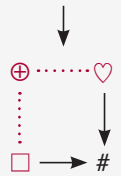


Cevap: B

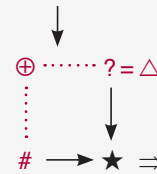
12.  $[(\square \oplus \triangle) \oplus (\heartsuit \oplus \bigcirc)] \oplus ? = \star$



$$[\square \oplus \heartsuit] \oplus ? = \star$$



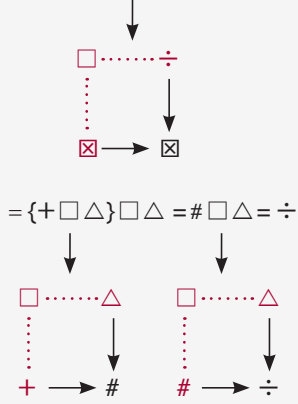
$$\# \oplus ? = \star$$



Cevap: C

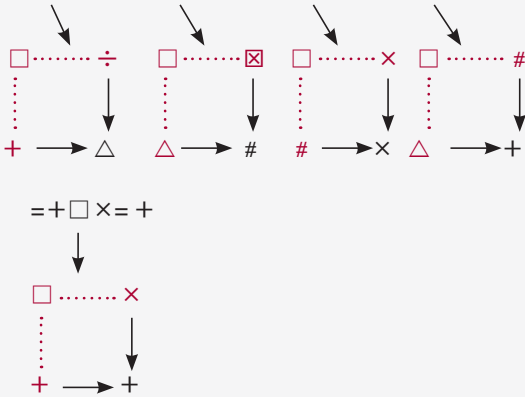
## TEST - 1 ÇÖZÜMLER

13.  $\{+\square[(\boxtimes\square\div)\square\#]\}\square\Delta = \{+\square[\boxtimes\square\#]\}\square\Delta$



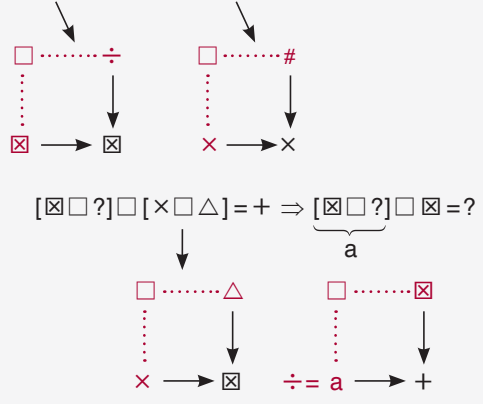
Cevap: E

14.  $[(+\square\div)\square(\Delta\square\boxtimes)]\square(\#\square\times)=[\Delta\square\#]\square\times$

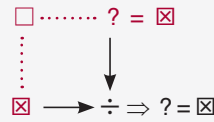


Cevap: A

15.  $[(\boxtimes\square\div)\square?]\square[(\times\square\#)\square\Delta]=+$



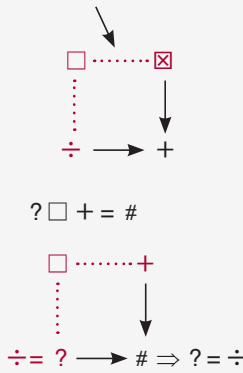
$$\Rightarrow [\boxtimes\square?] = a = \div$$



Cevap: D

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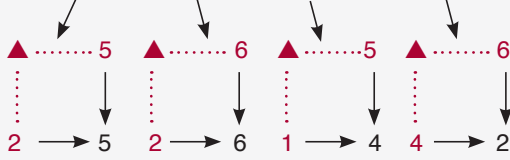
16.  $?\square(\div\square\boxtimes) = \#$



Cevap: C

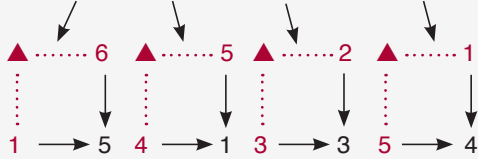
## TEST - 2 ÇÖZÜMLER

1.  $[1 \blacktriangle (2 \blacktriangle 5)] \blacktriangle (2 \blacktriangle 6) = [1 \blacktriangle 5] \blacktriangle 6 = 4 \blacktriangle 6 = 2$

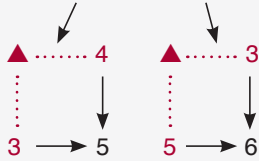


Cevap: D

2.  $\{3 \blacktriangle [(1 \blacktriangle 6) \blacktriangle (4 \blacktriangle 5)]\} \blacktriangle (3 \blacktriangle 2) = \{3 \blacktriangle [5 \blacktriangle 1]\} \blacktriangle 3$

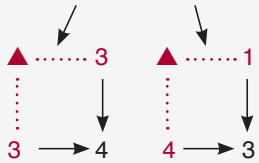


$$\{3 \blacktriangle 4\} \blacktriangle 3 = 5 \blacktriangle 3 = 6$$

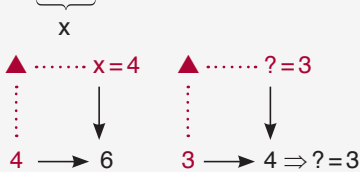


Cevap: A

3.  $(3 \blacktriangle 3) \blacktriangle [(4 \blacktriangle 1) \blacktriangle ?] = 6$

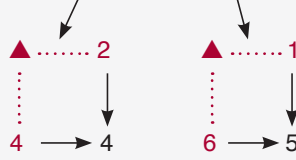


$$4 \blacktriangle [3 \blacktriangle ?] = 6 \Rightarrow 3 \blacktriangle ? = x = 4$$

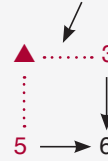


Cevap: B

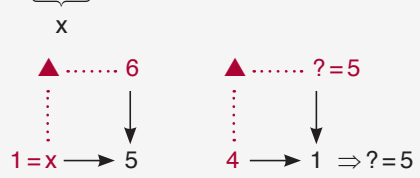
4.  $[(4 \blacktriangle 2) \blacktriangle ?] \blacktriangle [(6 \blacktriangle 1) \blacktriangle 3] = 5$



$$[4 \blacktriangle ?] \blacktriangle [5 \blacktriangle 3] = 5$$

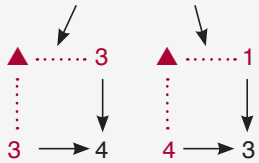


$$[4 \blacktriangle ?] \blacktriangle 6 = 5 \Rightarrow [4 \blacktriangle ?] = x = 1$$

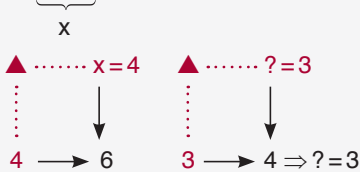


Cevap: C

3.  $(3 \blacktriangle 3) \blacktriangle [(4 \blacktriangle 1) \blacktriangle ?] = 6$

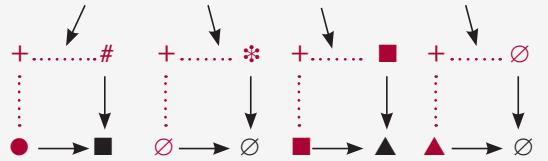


$$4 \blacktriangle [3 \blacktriangle ?] = 6 \Rightarrow 3 \blacktriangle ? = x = 4$$



Cevap: B

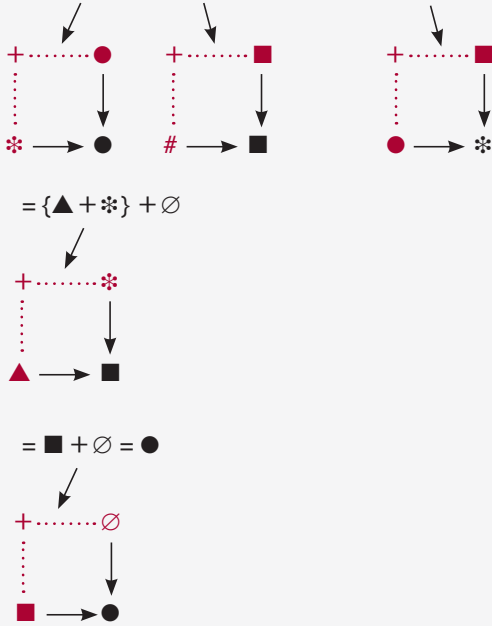
5.  $[\blacksquare + (\bullet + \#)] + (\emptyset + *) = [\blacksquare + \blacksquare] + \emptyset = \blacktriangle + \emptyset = \emptyset$



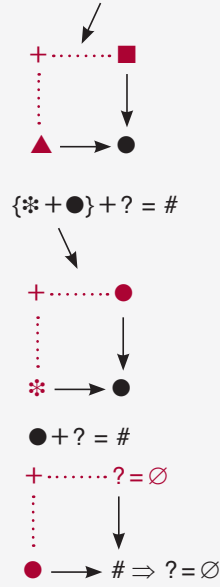
Cevap: D

## TEST - 2 ÇÖZÜMLER

6.  $\{\blacktriangle + [(\ast + \bullet) + (\# + \blacksquare)]\} + \emptyset = \{\blacktriangle + [\bullet + \blacksquare]\} + \emptyset$

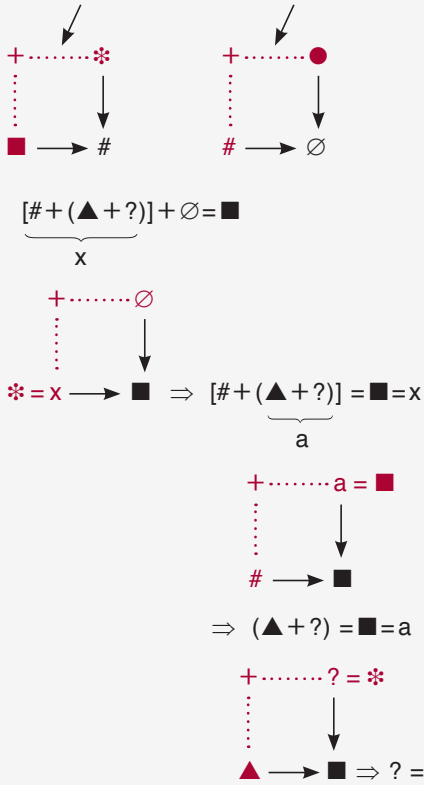


8.  $\{\ast + (\blacktriangle + \blacksquare)\} + ? = \#$



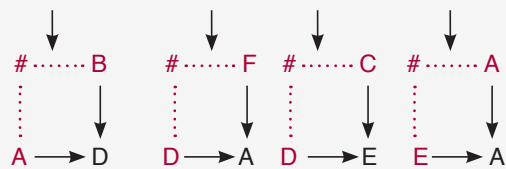
Cevap: C

7.  $[(\blacksquare + \ast) + (\blacktriangle + ?)] + (\# + \bullet) = \blacksquare$



Cevap: E

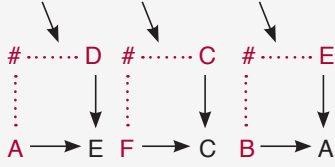
9.  $[(A\#B)\#C]\#(D\#F) = [D\#C]\#A = E\#A = A$



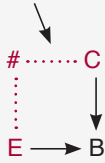
Cevap: E

## TEST - 2 ÇÖZÜMLER

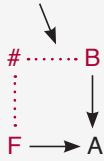
10.  $\{F\#[(A\#D)\#(F\#C)]\}\#(B\#E)$



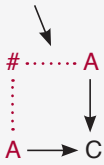
$=\{F\#[E\#C]\}\#A$



$=\{F\#B\}\#A$



$=A\#A=C$



Cevap: B

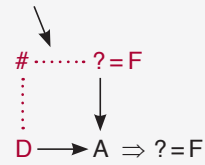
11.  $[C\#(E\#F)]\#?=A$



$[C\#C]\#?=A$



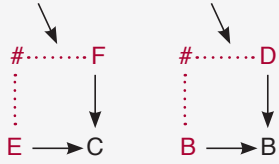
$D\#?=A$



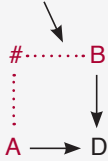
Cevap: B

## TEST - 2 ÇÖZÜMLER

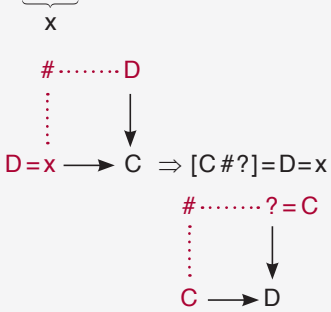
12.  $[(E\#F)\#?]\#[A\#(B\#D)]=C$



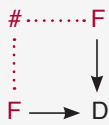
$[C\#?]\#[A\#B]=C$



$[C\#?]\#D=C$

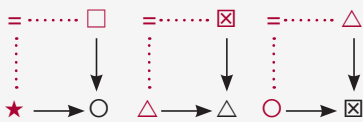


O halde  $F\#F=D$



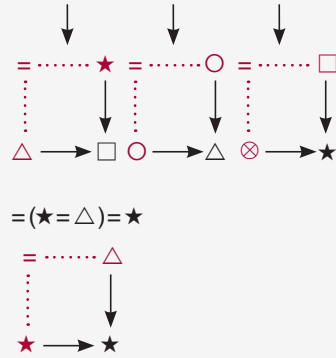
Cevap: D

13.  $(\star = \square) = (\triangle = \boxtimes) = (\bigcirc = \triangle) = \boxtimes$



Cevap: A

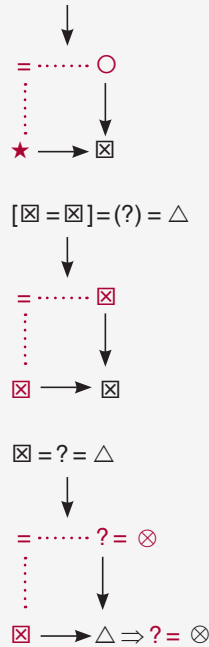
14.  $[\otimes = (\triangle = \star)] = (\bigcirc = \bigcirc) = [\otimes = \square] = \triangle$



Cevap: D

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15.  $[\boxtimes = (\star = \bigcirc)] = (?) = \triangle$



Cevap: C



## TEST - 2 ÇÖZÜMLER

16.  $[(\otimes = \star) = \square] = (\triangle = ?) = \boxtimes$

$$\begin{array}{c} \downarrow \\ = \dots \star \\ \vdots \\ \otimes \rightarrow \boxtimes \end{array}$$

$$[\boxtimes = \square] = (\triangle = ?) = \boxtimes$$

$$\begin{array}{c} = \dots \square \\ \vdots \\ \boxtimes \rightarrow \otimes \end{array}$$

$$\otimes = \underbrace{(\triangle = ?)}_x = \boxtimes$$

$$\begin{array}{c} = \dots x = \star \\ \vdots \\ \otimes \rightarrow \boxtimes \end{array}$$

$$\Rightarrow (\triangle = ?) = \star = x$$

$$\begin{array}{c} = \dots ? = \circ \\ \vdots \\ \triangle \rightarrow \star \Rightarrow ? = \circ \end{array}$$

Cevap: E