

TEST - 1 ÇÖZÜMLER

$$13. \quad \begin{array}{r} A \\ +2 \\ \hline B \end{array} \Rightarrow A+2=B \quad \begin{array}{r} B \\ -5 \\ \hline C \end{array} \Rightarrow B-5=C$$

A en az olması için B en az olmalı.

B = 6 seçilirse

$$\Rightarrow A+2=B$$

$$A+2=6$$

$$A=4 \text{ olur.}$$

Cevap: C

$$14. \quad \begin{array}{r} 1NL \\ \times \quad M \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times \\ \hline \end{array} ML \Rightarrow M, 8 \text{ veya daha küçük bir sayıdır.}$$

M = 7 ise M.L = .L olduğundan L = 5 olur.

$$7.5 = 35$$

$$N+L=M \Rightarrow N+5=7 \Rightarrow N=2$$

Cevap: B

$$15. \quad \begin{array}{r} KK \\ \times \quad N \\ \hline 2N2 \end{array} \begin{array}{r} M \\ N \\ M \end{array} \Rightarrow M.N = .M \text{ olmalı.}$$

M = 5 ve N = 3 seçilirse,

$$5.3 = 15$$

$\Rightarrow K=7$ için;

$$\begin{array}{r} 775 \\ \times \quad 3 \\ \hline 2325 \end{array}$$

eşitlik sağlanır.

Cevap: B

$$16. \quad \begin{array}{r} KL \\ -LK \\ \hline 63 \end{array} \Rightarrow K > L \text{ olmalı ve } K > 7 \text{ olmalı.}$$

$$K=8 \Rightarrow \begin{array}{r} 81 \\ -18 \\ \hline 63 \end{array} \Rightarrow K+L=9$$

$$K=9 \Rightarrow \begin{array}{r} 92 \\ -29 \\ \hline 63 \end{array} \Rightarrow K+L=11$$

Cevap: A

$$17. \quad \begin{array}{r} KLM \\ +MLK \\ \hline PR1L \end{array} \Rightarrow K \text{ ile } M \text{ 9 seçilse bile}$$

$$K+M=18 \text{ olur.}$$

O halde P = 1 olmalıdır.

Cevap: A

$$18. \quad \begin{array}{r} 6 \cdot 9 \\ \times \quad \cdot \rightarrow 4 \\ \hline M \cdot 96 \end{array} \Rightarrow \begin{array}{r} 6 \cdot 9 \\ \times \quad 4 \\ \hline M \cdot 96 \end{array} \Rightarrow \begin{array}{r} 699 \\ \times \quad 4 \\ \hline 2796 \end{array}$$

O halde M = 2 olur.

Cevap: B

TEST - 2 ÇÖZÜMLER

1.
$$\begin{array}{r} \boxed{K} \boxed{L} \\ \times \boxed{K} \boxed{L} \\ \hline \cdot \cdot \boxed{L} \\ + \cdot \cdot \uparrow \\ \hline \text{MKL} \end{array} \Rightarrow L \cdot L = \cdot L \text{ ise } L = 5 \text{ veya } L = 6 \text{ olabilir.}$$

Bu durumda $K = 2$ olmalıdır.

• $L = 6$ için;

$$\begin{array}{r} 26 \\ \times 26 \\ \hline 156 \\ + 52 \\ \hline 676 \end{array} \Rightarrow M = L \text{ olur.}$$

$$\begin{array}{r} 26 \\ \times 26 \\ \hline 156 \\ + 52 \\ \hline 676 \end{array}$$

$$\Rightarrow M = L \text{ olur.}$$

$$+ 52$$

$$\hline 676$$

O halde;

$L = 5$ olmalıdır.

• $L = 5$ için;

$$\begin{array}{r} 25 \\ \times 25 \\ \hline 125 \\ + 50 \\ \hline 625 \end{array} \Rightarrow M + K = 6 + 2 = 8 \text{ olur.}$$

$$\begin{array}{r} 25 \\ \times 25 \\ \hline 125 \\ + 50 \\ \hline 625 \end{array}$$

$$\Rightarrow M + K = 6 + 2 = 8 \text{ olur.}$$

$$+ 50$$

$$\hline 625$$

Cevap: C

2.
$$\begin{array}{r} \boxed{M} \boxed{L} \boxed{N} \\ - \boxed{L} \boxed{M} \boxed{N} \\ \hline 90 \end{array} \Rightarrow M > L \text{ olmalıdır.}$$

Seçenekler incelenirse;
 $MLN = 542$ veya $MLN = 326$ olabilir.

• $MLN = 542$ ise

$$MLN - LMN = 90 \Rightarrow 542 - 90 = 452 = LMN$$

$$MLN - NLM = 297 \Rightarrow 542 - 297 = 245 = NLM$$

$$MLN = 542 \text{ olur.}$$

Cevap: A

3.
$$\begin{array}{r} \boxed{8} \boxed{A} \boxed{B} \\ - \boxed{4} \boxed{2} \boxed{A} \\ \hline \boxed{A} \boxed{C} \boxed{4} \end{array} \Rightarrow 8 - 4 = 4 = A \text{ olmalıdır.}$$

• $A = 4$ için;

$$\begin{array}{r} 84B \\ - 424 \\ \hline 4C4 \end{array} \Rightarrow 4 - 2 = C = 2 \text{ olur.}$$

$$\begin{array}{r} 84B \\ - 424 \\ \hline 4C4 \end{array}$$

$$\hline 4C4$$

$$\Rightarrow 4 - 2 = C = 2 \text{ olur.}$$

Cevap: B

4.
$$\begin{array}{r} M \boxed{5} L \\ + \quad \boxed{L} M \\ \hline 3 \boxed{5} 1 \end{array} \Rightarrow \text{Onlar basamağı toplamına dikkat edilirse, } L = 9 \text{ olmalı ve birler basamağı toplamından elde 1 gelmeli.}$$

$\Rightarrow L = 9$ ve $M = 2$ olur.

Cevap: B

5.
$$\begin{array}{r} M2N \\ \times \quad \uparrow 8 \\ \hline 18 \boxed{1} L \end{array} \Rightarrow 8 \cdot 2 = 16 \text{ dır. Sonucun birler basamağının 1 ile bitmesi için elde 5 eklenmelidir.}$$

$N = 7$ ve $L = 6$ olmalıdır.

Cevap: D

6.
$$\begin{array}{r} \boxed{K} \boxed{K} \\ \times \boxed{K} \boxed{K} \\ \hline \boxed{L} \boxed{M} \boxed{K} \\ + \boxed{L} \boxed{M} \boxed{K} \\ \hline 30LK \end{array} \Rightarrow K \cdot K = \cdot K \quad K = 5 \text{ veya } K = 6 \text{ olmalıdır. } K = 6 \text{ için çarpma işlemi gerçekleşmez.}$$

$\Rightarrow K = 5$ için;

$$55$$

$$\times 55$$

$$\hline 275$$

$$+ 275$$

$$\hline 3025 \Rightarrow L = 2 \text{ ve } M = 7 \text{ olur.}$$

Cevap: D

TEST - 2 ÇÖZÜMLER

$$\begin{array}{r}
 7. \quad K \\
 + K \\
 \hline
 ML
 \end{array}
 \qquad
 \begin{array}{r}
 K \\
 \times K \\
 \hline
 LM \\
 K.K = LM \\
 2.K = ML \\
 K^2 = LM
 \end{array}$$

2K ve K^2 iki basamaklı olduğundan $K > 4$ olmalıdır.

O halde, $K = 9$ için;

$$2.9 = ML \quad \text{ve} \quad 9.9 = LM$$

$$18 = ML \quad \quad \quad 81 = LM$$

$$K + L + M = 9 + 8 + 1 = 18$$

Cevap: E

$$\begin{array}{r}
 8. \quad KL \boxed{M} \\
 + NM \boxed{L} \\
 \hline
 1NN \boxed{5}
 \end{array}
 \Rightarrow M + L = 5 \text{ ise } M = 8 \text{ ve } L = 7$$

veya $M = 7$ ve $L = 8$ olabilir.
Her iki durumda da $N = 6$ ve $K = 9$ olmak zorundadır.

$$M = 8 \text{ ve } L = 7$$

$$978$$

$$+ 687$$

$$\hline 1665$$

$$M = 7 \text{ ve } L = 8$$

$$987$$

$$+ 678$$

$$\hline 1665$$

$$\Rightarrow K = 9 \text{ olur.}$$

Cevap: A

$$\begin{array}{r}
 9. \quad \boxed{M} \boxed{M} \\
 \times \boxed{L} \boxed{M} \\
 \hline
 KLM \\
 + \boxed{M} \boxed{M} \\
 \hline
 LKKL
 \end{array}
 \Rightarrow L.MM = MM \text{ burdan } L = 1 \text{ olur.}$$

$$KLM$$

$$+ \boxed{M} \boxed{M}$$

$$\hline LKKL$$

$$\begin{array}{r}
 \boxed{M} \boxed{M} \\
 \times \boxed{L} \boxed{M} \\
 \hline
 KM \boxed{L} \\
 + \boxed{M} \boxed{M} \\
 \hline
 LKKL
 \end{array}
 \Rightarrow M.M = .L = .1$$

olması için M.M çarpanının onlar basamağı 1 olmalı.
O halde; $M = 9$ olur.

$$\begin{array}{r}
 99 \\
 \times 19 \\
 \hline
 891 \\
 + 99 \\
 \hline
 1881 \Rightarrow L = 1 \text{ ve } K = 8 \Rightarrow K + L = 9
 \end{array}$$

Cevap: C

10. $K = 8$, $L = 6$ ve $M = 4$ seçilirse

$$K.K = LM \Rightarrow 8.8 = 64$$

$$K.L = MK \Rightarrow 8.6 = 48$$

$$\Rightarrow K + L + M = 8 + 6 + 4 = 18 \text{ olur.}$$

Cevap: C

$$\begin{array}{r}
 11. \quad \boxed{K} \cdot \boxed{L} \\
 \times \boxed{M} \cdot \\
 \hline
 \cdot \boxed{M} \cdot \\
 + \boxed{K} \cdot \boxed{L} \\
 \hline
 12345
 \end{array}
 \Rightarrow K.M = K \Rightarrow M = 1 \text{ olur.}$$

Burdan $L = 3$ olur.

$$\Rightarrow K23$$

$$\times 15$$

$$\cdot 115$$

$$+ K23$$

$$\hline 12345$$

$$\Rightarrow K = 2, 4, 6, 8 \text{ olabilir.}$$

$$\Rightarrow K = 2, 4, 6, \text{ için çarpımın sonucu çıkmaz.}$$

$$\text{O halde } K = 8 \text{ olmalıdır.}$$

Cevap: D

$$\begin{array}{r}
 12. \quad \begin{array}{c} +1 \\ K \ L \ \boxed{M} \\ K \ K \ K \end{array} \Rightarrow M + K + L = 12 \\
 + \boxed{L} \ \boxed{K} \ \boxed{L} \\
 \hline
 \dots 2
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{c} 2 \\ K \ \boxed{L} \ \boxed{M} \\ K \ K \ K \end{array} \Rightarrow 2K + L + 1 = 19 + 1 = 20 \\
 + \boxed{L} \ \boxed{K} \ \boxed{L} \\
 \hline
 \dots 02
 \end{array}$$

$$\begin{array}{r}
 \boxed{K} \ \boxed{L} \ \boxed{M} \\
 K \ K \ K \Rightarrow 2K + L = 19 + 2 = 21 \\
 + \boxed{L} \ \boxed{K} \ \boxed{L} \\
 \hline
 2102
 \end{array}$$

Cevap: D

TEST - 2 ÇÖZÜMLER

$$\begin{array}{r}
 \bullet \text{ KL } \boxed{M} \\
 \text{L } \boxed{M} \Rightarrow 3 \cdot M = \bullet M \Rightarrow M = 5 \text{ olmalıdır.} \\
 + \text{ M} \quad (3 \cdot 5 = \bullet 5) \\
 \hline
 \text{MM } \boxed{M} \quad \text{O halde } L = 7 \text{ ve } K = 4 \text{ olur.}
 \end{array}$$

$$\begin{array}{r}
 \bullet 475 \\
 75 \Rightarrow K + L + M = 4 + 7 + 5 = 16 \\
 + 5 \\
 \hline
 555
 \end{array}$$

Cevap: B

14. KLM

$$\begin{array}{r}
 - \text{MLK} \\
 \hline
 \cdot 9 \cdot \\
 \swarrow \quad \searrow
 \end{array}$$

Toplamları her zaman 9 olur.

$$\begin{array}{r}
 \text{K9M} \\
 - \text{M9K} \Rightarrow K = 7 \text{ ve } M = 4 \\
 \hline
 297
 \end{array}$$

O halde; $K + M = 7 + 4 = 11$ olur.

Cevap: B

$$\begin{array}{r}
 \bullet \text{ KL} \\
 \times \text{ K} \\
 \hline
 \boxed{18} \text{K}
 \end{array}$$

K.K = 18 çarpımının sonucu eldeyle beraber 18 çıkmıştır. Bunu sağlayan K değeri 4 olur.

• K = 4 için;

$$\begin{array}{r}
 4D \\
 \times 4 \Rightarrow L = 6 \text{ olmalıdır.} \\
 \hline
 184 \quad (4 \cdot L = \bullet 4)
 \end{array}$$

Cevap: C

16. $K + L = MN$ ve $M + N = K$

↓

$M + N$

$\Rightarrow M + N + L = 10M + N$

$M + L = 10M$

$L = 9M \Rightarrow M = 1$ ve $L = 9$ olur.

Cevap: E

17. $KLM - MKM = 101K + 10L - 101M - 10K$

$= 101(K - M) + 10(L - K)$

$= 101 \cdot 2 + 10 \cdot (-3)$

$= 202 - 30 = 172$ olur.

Cevap: A

$$\begin{array}{r}
 \overset{2}{\curvearrowright} \\
 \text{K } \boxed{K} \boxed{K} \\
 \text{L } \boxed{L} \boxed{L} \Rightarrow K + L + M = 22 \\
 + 3 \text{ M } \boxed{M} \\
 \hline
 22 \boxed{4} \boxed{2}
 \end{array}$$

$$\begin{array}{r}
 \text{K } \boxed{K} \boxed{K} \\
 \text{L } \boxed{L} \boxed{L} \Rightarrow K + L + 3 + 2 = 22 \\
 + 3 \text{ M } \boxed{M} \quad K + L = 17 \text{ olur.} \\
 \hline
 22 \boxed{4} \boxed{2}
 \end{array}$$

Cevap: D

TEST - 3 ÇÖZÜMLER

$$\begin{array}{r}
 \text{AB} \mid \text{BA} \\
 \hline
 \text{A} \quad 1 \Rightarrow \text{AB} = \text{BA} + \text{A} \\
 10\text{A} + \text{B} = 10\text{B} + \text{A} + \text{A} \\
 10\text{A} - 2\text{A} = 10\text{B} - \text{B} \\
 8\text{A} = 9\text{B} \Rightarrow \text{A} = 9, \text{B} = 8 \\
 \text{ve } \text{A} + \text{B} = 9 + 8 = 17
 \end{array}$$

Cevap: E

$$\begin{array}{r}
 \boxed{x} \mid y \\
 \hline
 m \quad z \\
 \hline
 1
 \end{array}
 \quad x - m = 1 \text{ olur.}$$

$$\begin{array}{l}
 \bullet x + m = 17 \\
 + x - m = 1 \\
 \hline
 2x = 18 \quad x = 9 \text{ ve } m = 8 \text{ olur.}
 \end{array}$$

$$\begin{array}{l}
 \bullet x = y.z + 1 \\
 9 = y.z + 1 \quad (y > 1 \text{ olmalı.}) \\
 y.z = 8 \\
 4.2 \\
 \Rightarrow x + y + z + m = 9 + 4 + 2 + 8 = 23
 \end{array}$$

$$\begin{array}{r}
 \text{ABAB4} \mid \text{AB} \\
 \hline
 \text{AB} \quad 1010 \\
 \hline
 00\text{AB} \quad \Rightarrow 1010 + 4 = 1014 \\
 \hline
 \text{AB} \\
 \hline
 04
 \end{array}$$

Cevap: E

$$\begin{array}{r}
 1\text{A}8 \mid \text{B}5 \\
 \hline
 3 \quad 7 \Rightarrow 1\text{A}8 = 7(\text{B}5) + 3 \\
 108 + 10\text{A} = 70\text{B} + 35 + 3 \\
 108 - 38 = 70\text{B} - 10\text{A} \\
 70 = 70\text{B} - 10\text{A} \\
 7\text{B} - \text{A} = 7 \\
 \downarrow \downarrow \\
 2 \quad 7 \Rightarrow \text{A} = 7 \text{ olur.}
 \end{array}$$

Cevap: D

$$\begin{array}{r}
 x \mid y \\
 \hline
 0 \quad 16.x \\
 \hline
 1 \Rightarrow x = 16.x.y \\
 1 = 16.y \\
 y = \frac{1}{16} = 0,0625
 \end{array}$$

Cevap: C

$$\begin{array}{r}
 \text{K} \mid y \\
 \hline
 y-1 \quad \text{M} \Rightarrow \text{i) } \text{K} = y.M + y - 1
 \end{array}$$

$$\begin{array}{r}
 \text{L} \mid y \\
 \hline
 0 \quad \text{M} + 1 \Rightarrow \text{ii) } \text{L} = y(\text{M} + 1) = ym + y
 \end{array}$$

$$\Rightarrow \text{i) } \text{K} = y.M + y - 1$$

$$\downarrow$$

$$\text{K} = \text{L} - 1 \text{ ve } \text{L} = \text{K} + 1$$

$$\text{O halde } \text{K} + \text{L} = \text{K} + \text{K} + 1 = 2\text{K} + 1 \text{ olur.}$$

$$\downarrow \\ \text{K} + 1$$

Cevap: D

$$\begin{array}{r}
 x^2 - x \mid y \\
 \hline
 1 \quad x \Rightarrow x^2 - x = yx + 1 \\
 x^2 - 1 = yx + x \\
 x^2 - 1 = x(y + 1) \\
 y + 1 = \frac{x^2 - 1}{x}
 \end{array}$$

Cevap: E

TEST - 3 ÇÖZÜMLER

$$\begin{array}{r}
 xy \quad | \quad x + y \\
 \hline
 4 \quad | \quad 5 \Rightarrow xy = 5(x + y) + 4 \\
 10x + y = 5x + 5y + 4 \\
 5x - 4y = 4 \\
 \downarrow \quad \downarrow \\
 8 \quad 9 \\
 x^2 + y^2 - 2xy = (x - y)^2 = (8 - 9)^2 = 1
 \end{array}$$

Cevap: B

$$\begin{array}{r}
 K \quad | \quad 7 \\
 \hline
 3 \quad | \quad M \Rightarrow i) K = 7M + 3 \\
 \\
 K + 4 \quad | \quad M + 1 \\
 \hline
 L \quad | \quad 7 \Rightarrow ii) K + 4 = 7(M + 1) + L \\
 K + 4 = 7M + 7 + L \\
 \Rightarrow K + 4 = 7M + 7 + L \\
 7M + 3 + 4 = 7M + 7 + L \\
 7M + 7 = 7M + 7 + L \\
 L = 0 \text{ olur.}
 \end{array}$$

Cevap: A

$$\begin{array}{r}
 K \quad | \quad L \\
 \hline
 2 \quad | \quad 5 \Rightarrow i) K = 5L + 2 \\
 \\
 L \quad | \quad M \\
 \hline
 3 \quad | \quad 4 \Rightarrow ii) L = 4M + 3 \\
 \\
 \Rightarrow i) K = 5L + 2 = 5(4M + 3) + 2 = 20M + 17 \\
 \downarrow \\
 4M + 3 \\
 \Rightarrow \frac{K + L + M - 20}{5M} = \frac{20M + 17 + 4M + 3 + M - 20}{5M} \\
 = \frac{25M}{5M} = 5
 \end{array}$$

Cevap: C

$$11. i) \frac{xx}{y} = zz \Rightarrow \frac{11 \cdot x}{y} = 11 \cdot z \Rightarrow x = y \cdot z$$

$$ii) \frac{zz}{y} = yy \Rightarrow \frac{11 \cdot z}{y} = 11 \cdot y \Rightarrow z = y^2$$

O halde $x = y \cdot z = y^3$ ise;

$$\downarrow \\ y^2$$

 $y = 2$ için; $x = 8$ ve $z = 4$ olur. $\Rightarrow x + y + z = 8 + 2 + 4 = 14$ olur.

Cevap: C

$$\begin{array}{r}
 1 \\
 \swarrow \\
 A \quad | \quad BD \\
 - \quad B \quad | \quad BC \\
 \hline
 2 \quad | \quad 94 \\
 \Rightarrow A - B = 3 \text{ olmalıdır.}
 \end{array}$$

Çünkü B yüzler basamağından bir onluk almış.

$$\Rightarrow ABD - BBC = 294$$

$$100A + 10B + D - 110B - C = 294$$

$$100A - 100B + D - C = 294$$

$$100(A - B) + D - C = 294$$

$$\underbrace{\hspace{1cm}} \\ 100 \cdot 3 + D - C = 294$$

$$6 = C - D$$

$$\begin{array}{r} AC \\ - BD \\ \hline 36 \text{ olur.} \end{array}$$

Cevap: A

$$13. \begin{array}{r} ACB \\ + \quad A \quad C \\ \hline 3 \quad B \quad C \end{array} \Rightarrow B + C = C \text{ ise } B = 0 \text{ olur.}$$

$$\begin{array}{r}
 1 \\
 \swarrow \\
 A \quad | \quad C \quad | \quad B \\
 + \quad A \quad | \quad C \\
 \hline
 3 \quad | \quad B \quad | \quad C \\
 \Rightarrow C + A = \cdot B \Rightarrow C + A = \cdot 0 \text{ ve} \\
 A + C = 10 \text{ olur.}
 \end{array}$$

O halde $A = 2$ ve $C = 8$ dir. $\Rightarrow A \cdot C = 2 \cdot 8 = 16$ olur.

Cevap: C

TEST - 3 ÇÖZÜMLER

14. AB8

$$\begin{array}{r} \text{AB} \\ - \text{AB} \\ \hline 49\text{B} \end{array} \Rightarrow \text{AB}8 - \text{AB} = 49\text{B}$$

$$10(\text{AB}) + 8 - (\text{AB}) = 49\text{B}$$

$$9(\text{AB}) + 8 = 49\text{B}$$

$$9 \cdot (54) + 8 = 494$$

↑ ↑
B = 4 için sağlar.

• O halde AB = 54 ise; A + B = 5 + 4 = 9

Cevap: C

15.

$$\begin{array}{r} \text{A} \text{A} \\ + \text{B} \text{B} \\ \hline \text{CC} \text{0} \end{array} \Rightarrow \text{A} + \text{B} = 10 \text{ ise } \text{A} + \text{B} = 10 \text{ olur.}$$

• O halde; A - B = 4

$$\begin{array}{r} \text{A} - \text{B} = 4 \\ + \text{A} + \text{B} = 10 \\ \hline 2\text{A} = 14 \end{array}$$

A = 7 ve B = 3 olur.

• 77

$$\begin{array}{r} + 33 \\ \hline 110 \end{array} \Rightarrow \text{C} = 1 \text{ olur.}$$

⇒ B + C = 3 + 1 = 4 çıkar.

16.

$$\begin{array}{r} \text{AB} \text{C} \\ \text{CA} \text{B} \\ + \text{BC} \text{A} \\ \hline 177 \text{6} \end{array} \Rightarrow \text{A} + \text{B} + \text{C} = 16 \text{ olur.}$$

• B - C = 5

$$+ \text{A} - \text{C} = 2$$

A + B - 2C = 7 ⇒ A + B = 2C + 7

• A + B + C = 16

$$\begin{array}{r} \downarrow \\ 2\text{C} + 7 + \text{C} = 16 \end{array}$$

3C = 9

C = 3

• A - C = 2 ⇒ A - 3 = 2

$$\begin{array}{r} \downarrow \\ 3 \end{array} \quad \text{A} = 5 \text{ olur.}$$

Cevap: C

17.

$$\begin{array}{r} \text{AB} \text{C} \\ \text{BC} \text{A} \\ \text{AB} \text{C} \\ + \text{CA} \text{B} \\ \hline 187 \text{5} \end{array} \Rightarrow \text{A} + \text{B} + \text{C} + \text{C} = 15 \Rightarrow 12 + \text{C} = 15$$

$$\text{C} = 3$$

$$\begin{array}{r} \text{AB} \text{C} \\ \text{BC} \text{A} \\ \text{A} \text{B} \text{C} \\ + \text{C} \text{A} \text{B} \\ \hline 187 \text{5} \end{array} \Rightarrow \text{A} + \text{B} + \text{C} + \text{B} + 1 = 17 \Rightarrow 13 + \text{B} = 17$$

$$\text{B} = 4$$

$$\begin{array}{r} \text{A} \text{B} \text{C} \\ \text{B} \text{C} \text{A} \\ \text{A} \text{B} \text{C} \\ + \text{C} \text{A} \text{B} \\ \hline 187 \text{5} \end{array} \Rightarrow \text{A} + \text{B} + \text{C} + \text{A} + 1 = 18 \Rightarrow 13 + \text{A} = 18$$

$$\text{A} = 5$$

⇒ A.B - C = 5.4 - 3 = 17 olur.

Cevap: D

18.

$$\begin{array}{r} \text{AB} \\ + \text{CD} \\ \hline 20 \end{array} \Rightarrow \text{i) } \text{AB} + \text{CD} = 20$$

$$\begin{array}{r} \text{KM} \\ + \text{AB} \\ \hline 109 \end{array} \Rightarrow \text{ii) } \text{KM} + \text{AB} = 109$$

$$\begin{array}{r} \text{CD} \\ + \text{KM} \\ \hline 51 \end{array} \Rightarrow \text{iii) } \text{CD} + \text{KM} = 51$$

O halde iii) CD + KM = 51

i) $\begin{array}{r} - \text{AB} + \text{CD} = 20 \end{array}$

iv) $\text{KM} - \text{AB} = 31$

⇒ ii) $\text{KM} + \text{AB} = 109$

$$\text{iv) } \begin{array}{r} + \text{KM} - \text{AB} = 31 \\ \hline 2(\text{KM}) = 140 \end{array}$$

KM = 70 ⇒ K + M = 7 + 0 = 7 olur.

Cevap: C