

1.ÜNİTE

ŞİMDİ SIRA SİZDE!

yeni nesil tadında
SORULAR-1
Cevap Anahtarı

SAYFA 1

| | |
|---|---|
| 1 | a) 10'un beşinci kuvveti b) 7'nin küpü c) 6'nın karesi d) 11'in yedinci kuvveti |
| 2 | a) $8.8.8 = 512$ b) $5.5.5.5.5 = 3125$ c) $3.3.3.3.3.3 = 729$ d) $10.10 = 100$ e) $4.4.4.4 = 256$ |
| 3 | 22 |
| 4 | a → 5, b → 1, c → 2 d → 3, e → 4 |

SAYFA 2

| | |
|---|--|
| 1 | a) 8^5 b) 5^6 c) 10^3 d) 15^4 |
| 2 | a) 7 b) 4 c) 625 d) 128 |
| 3 | a) 113 b) 61 c) 238 d) 1256 e) 101 f) 919 |

SAYFA 4

| | |
|---|--------------------------------|
| 1 | a) 9 b) 22 c) 42 |
| 2 | a) 15 b) 7 c) 9 |
| 3 | 6 |
| 4 | 6 |
| 5 | 14 |

SAYFA 5

| | |
|---|---|
| 1 | a) 33 b) 67 c) 19 d) 52 |
| 2 | 12 |

SAYFA 3

| | |
|---|--|
| 1 | a → 3, b → 2, c → 1 d → 4, e → 6, f → 5 |
| 2 | a, b, c |

SAYFA 6

| | |
|---|--|
| 1 | a) 160 b) 20 c) 24 d) 4 e) 2 |
| 2 | 17 |

SAYFA 7

| | |
|---|--|
| 1 | a) $13.6 + 13.5 = 143$ b) $25.10 - 25.4 = 150$ c) $20.5 + 20.7 = 240$ d) $36.10 - 36.5 = 180$ |
| 2 | a) 1176 b) 585 c) 2346 d) 1078 |

SAYFA 8

| | |
|---|--|
| 1 | a) $12.(7 + 14)$ b) $8.(6 + 4)$ c) $20.(18 - 12)$ d) $13.(4 - 1)$ |
| 2 | a) $18.(82 - 72) = 18.10 = 180$ b) $19.(15 + 5) = 19.20 = 380$ |
| 3 | a) ▲ = 9 b) ■ = 10 c) ★ = 8 d) ● = 21 |

SAYFA 9

| | |
|---|---|
| 1 | a) ① $12.(29 - 20)$ ② $12.(29 - 9)$ b) ① $9.(11 - 3)$ ② $9.(11 - 8)$ |
|---|---|

SAYFA 10

| | |
|---|-----|
| 1 | 34 |
| 2 | 144 |
| 3 | 49 |
| 4 | 270 |

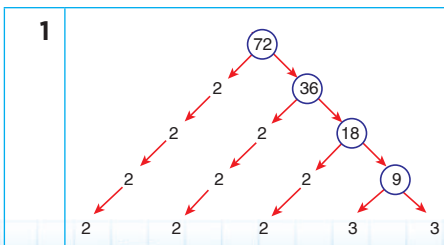
SAYFA 11

| | |
|---|-----|
| 1 | 4 |
| 2 | 48 |
| 3 | 30 |
| 4 | 146 |

SAYFA 34

| | |
|---|--|
| 1 | a) 1, 2, 3, 4, 6, 8, 12, 16, 24, 48 b) 1, 2, 4, 8, 16, 32 c) 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60 d) 1, 7, 49 |
| 2 | 12 |
| 3 | 35 |
| 4 | 14 |

SAYFA 35



| | |
|---|------------------------------|
| 2 | 78 |
| 3 | 170 |
| 4 | a) ✓ b) ✓ c) ✗ d) ✗ |

SAYFA 36

| | |
|---|--|
| 1 | a) 148, 250, 126, 3584, 256 b) 1479, 1247, 3791, 3875 |
| 2 | 3 |
| 3 | a, b, c |
| 4 | a, b |

SAYFA 37

| | |
|---|---|
| 1 | a) ▲ = 0, 3, 6, 9 b) ■ = 1, 4, 7 c) ● = 2, 5, 8 d) ★ = 3, 6, 9 |
| 2 | ▲, 5 ve 8 olabilir. |
| 3 | 16 |
| 4 | 4 |

SAYFA 38

| | |
|---|---|
| 1 | 5 |
| 2 | 8 |
| 3 | 6 |
| 4 | 0 |

SAYFA 39

| | | | |
|---|--------|----------------------|----------------------|
| 1 | | 4'e bölümünden kalan | 5'e bölümünden kalan |
| | Sayı | | |
| | 2755 | 3 | 0 |
| | 3840 | 0 | 0 |
| | 2972 | 0 | 2 |
| | 3581 | 1 | 1 |
| | 2567 | 3 | 2 |
| | 1233 | 1 | 3 |
| 2 | 8 | | |
| 3 | 1 ve 2 | | |

SAYFA 40

| | |
|---|------------|
| 1 | a, c, d, e |
| 2 | 4 |

SAYFA 41

| | |
|---|----------------------|
| 1 | a, c, f |
| 2 | a) 1 b) 6 c) 5 |
| 3 | 1 |
| 4 | 2 |

SAYFA 42

| | |
|---|---------------------|
| 1 | a) 8 b) 1 c) 2 d) 6 |
| 2 | 8 |
| 3 | 5 |
| 4 | a ve c |

SAYFA 43

| | | | | |
|---|--------------------------------------|-----------------------|--------------------------|-----------------------|
| 1 | 13, 17, 29 | | | |
| 2 | 2357 | | | |
| 3 | 108 | 50 | 150 | 98 |
| | 2 | 2 | 2 | 2 |
| | 54 | 25 | 75 | 49 |
| | 2 | 5 | 3 | 7 |
| | 27 | 5 | 25 | 7 |
| | 3 | 5 | 5 | 7 |
| | 9 | 1 | 5 | 1 |
| | 3 | | 5 | |
| | 3 | | 1 | |
| | 1 | | | |
| | | 50 = 2.5 ² | | 98 = 2.7 ² |
| | | | 150 = 2.3.5 ² | |
| | 108 = 2 ² .3 ³ | | | |

SAYFA 44

| | |
|---|-----|
| 1 | 450 |
| 2 | 35 |
| 3 | 9 |
| 4 | 17 |

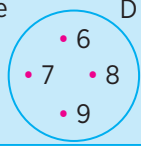
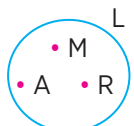
SAYFA 45

| | |
|---|--|
| 1 | a) 1, 2, 3, 6, 9, 18 b) 1, 2, 4, 5, 10, 20 c) 1, 2, 4, 8, 16 |
| 2 | 15 |
| 3 | 1, 2, 5, 10 |

SAYFA 71

| | |
|---|--|
| 1 | a) a, b, d, f |
| 2 | a) 2,5 b) a, b, c, ç, d c) 0, 1, 2, 3, 4, 5, 6 d) K, A, D, İ, R |

SAYFA 72

| | |
|---|--|
| 1 | a, c, d, f |
| 2 | Liste yöntemi ile D = {6, 7, 8, 9} Ortak özellik yöntemi ile D = {5 ile 10 arasındaki doğal sayılar} Venn şeması ile |
| |  |
| 3 | Liste yöntemi ile L = {M, A, R} Ortak özellik yöntemi ile L = {MARMARA kelimesinin harfleri} Venn şeması ile |
| |  |
| 4 | P = {Yılın M harfi ile başlayan ayları} |

SAYFA 46

| | |
|---|--|
| 1 | a) 12, 24, 36, 48, 60 b) 16, 32, 48, 64, 80 c) 60, 120, 180, 240, 300 d) 27, 54, 81, 108, 135 |
| 2 | 108 |
| 3 | 60 |

1.ÜNİTE

ŞİMDİ SIRA SİZDE!

Cevap Anahtarı

SAYFA 73

| | |
|---|--|
| 1 | a) $s(A) = 2$ b) $s(B) = 5$ c) $s(C) = 5$ d) $s(D) = 5$ |
| 2 | a, b |
| 3 | $s(A) < s(B) < s(C) < s(D)$ |

SAYFA 74

| | |
|---|---|
| 1 | $A = \{P, E, N, S\}$ $B = \{S, E, P, T\}$ $A \cup B = \{P, E, N, S, T\}$ |
| 2 | $M = \{1, 2, 3, 4, 6, 8, 12, 24\}$ $N = \{1, 2, 3, 6, 9, 18\}$ $M \cup N = \{1, 2, 3, 4, 6, 8, 9, 12, 18, 24\}$ |
| 3 | $P \cup R = \{1, a, b, c, d, e, f\}$ $s(P \cup R) = 7$ |
| 4 | $A \cup B = \{\text{AĞAÇ, ORMAN}\}$ |

SAYFA 75

| | |
|---|--|
| 1 | a) $P \cap R = \{d, e\}$ b) $N \cap M = \{7, 8\}$ |
| 2 | $M \cap N = \{2\}$ olur ki $s(M \cap N) = 1$ olur. |
| 3 | $B = \{3, 4, a\}$, $B = \{3, 4, 7\}$ $B = \{3, 4, \blacktriangle\}$ olabilir. Farklı kümelerde yazılabilir. |

SAYFA 76

| | |
|---|--|
| 1 | I, II |
| 2 | a) $A \cap C = \{1, 2, 3\}$ b) $A \cap B = \{3, 4, 5\}$ c) $A \cup C = \{1, 2, 3, 4, 5, 6, 7\}$ d) $B \cap C = \{3\}$ e) $(A \cup B) \cap C = \{1, 2, 3\}$ |

1.ÜNİTE

DOĞAL SAYILARLA İŞLEMLER

Konu Kavrama

Cevap Anahtarı

TEST - 1 TEST - 2 TEST - 3 TEST - 4 TEST - 5 TEST - 6

| | |
|----|---|
| 1 | D |
| 2 | B |
| 3 | D |
| 4 | B |
| 5 | A |
| 6 | A |
| 7 | D |
| 8 | B |
| 9 | D |
| 10 | C |
| 11 | C |
| 12 | A |
| 13 | B |
| 14 | A |
| 15 | A |

| | |
|----|---|
| 1 | B |
| 2 | B |
| 3 | C |
| 4 | B |
| 5 | D |
| 6 | C |
| 7 | B |
| 8 | C |
| 9 | A |
| 10 | C |
| 11 | D |
| 12 | C |
| 13 | C |
| 14 | D |

| | |
|----|---|
| 1 | C |
| 2 | A |
| 3 | C |
| 4 | D |
| 5 | B |
| 6 | A |
| 7 | B |
| 8 | B |
| 9 | C |
| 10 | D |
| 11 | A |
| 12 | B |
| 13 | C |

| | |
|----|---|
| 1 | B |
| 2 | B |
| 3 | D |
| 4 | B |
| 5 | D |
| 6 | D |
| 7 | C |
| 8 | C |
| 9 | B |
| 10 | A |
| 11 | C |

| | |
|----|---|
| 1 | B |
| 2 | B |
| 3 | D |
| 4 | C |
| 5 | B |
| 6 | C |
| 7 | B |
| 8 | B |
| 9 | B |
| 10 | C |
| 11 | B |
| 12 | D |

| | |
|----|---|
| 1 | C |
| 2 | A |
| 3 | B |
| 4 | B |
| 5 | D |
| 6 | D |
| 7 | A |
| 8 | D |
| 9 | A |
| 10 | D |
| 11 | C |
| 12 | B |
| 13 | C |

Yeni nesil tarzında sorular

TEST - 1 TEST - 2 TEST - 3

| | |
|---|---|
| 1 | D |
| 2 | A |
| 3 | A |
| 4 | A |
| 5 | C |
| 6 | B |
| 7 | C |

| | |
|---|---|
| 1 | C |
| 2 | B |
| 3 | B |
| 4 | A |
| 5 | B |
| 6 | D |
| 7 | C |
| 8 | B |
| 9 | C |

| | |
|---|---|
| 1 | B |
| 2 | B |
| 3 | B |
| 4 | B |

1.ÜNİTE

ÇARPANLAR ve KATLAR

Konu
Kavrama

Cevap Anahtarı

TEST - 1

| | |
|----|---|
| 1 | C |
| 2 | A |
| 3 | B |
| 4 | B |
| 5 | D |
| 6 | D |
| 7 | B |
| 8 | C |
| 9 | B |
| 10 | C |
| 11 | A |
| 12 | C |
| 13 | C |
| 14 | A |
| 15 | C |

TEST - 2

| | |
|----|---|
| 1 | C |
| 2 | C |
| 3 | B |
| 4 | C |
| 5 | A |
| 6 | D |
| 7 | C |
| 8 | B |
| 9 | C |
| 10 | B |
| 11 | C |
| 12 | D |
| 13 | D |
| 14 | D |
| 15 | B |

TEST - 3

| | |
|----|---|
| 1 | D |
| 2 | A |
| 3 | B |
| 4 | A |
| 5 | D |
| 6 | B |
| 7 | B |
| 8 | B |
| 9 | C |
| 10 | B |
| 11 | D |
| 12 | C |
| 13 | C |
| 14 | B |

TEST - 4

| | |
|----|---|
| 1 | C |
| 2 | B |
| 3 | C |
| 4 | C |
| 5 | C |
| 6 | D |
| 7 | D |
| 8 | A |
| 9 | C |
| 10 | A |
| 11 | B |
| 12 | C |
| 13 | B |
| 14 | C |

TEST - 5

| | |
|----|---|
| 1 | D |
| 2 | C |
| 3 | D |
| 4 | A |
| 5 | B |
| 6 | C |
| 7 | D |
| 8 | B |
| 9 | D |
| 10 | A |
| 11 | C |
| 12 | D |
| 13 | A |
| 14 | C |
| 15 | C |

TEST - 6

| | |
|----|---|
| 1 | B |
| 2 | D |
| 3 | D |
| 4 | C |
| 5 | B |
| 6 | A |
| 7 | C |
| 8 | A |
| 9 | D |
| 10 | D |
| 11 | B |
| 12 | D |

Yeni nesil tadında sorular

TEST - 1

| | |
|---|---|
| 1 | D |
| 2 | B |
| 3 | B |
| 4 | A |
| 5 | B |
| 6 | D |
| 7 | B |
| 8 | C |

TEST - 2

| | |
|---|---|
| 1 | A |
| 2 | D |
| 3 | A |
| 4 | B |
| 5 | C |
| 6 | C |
| 7 | A |
| 8 | B |
| 9 | B |

TEST - 3

| | |
|---|---|
| 1 | D |
| 2 | C |
| 3 | C |
| 4 | D |
| 5 | C |
| 6 | D |
| 7 | B |
| 8 | A |

1.ÜNİTE

KÜMELER

Konu
Kavrama

Cevap Anahtarı

TEST - 1

| | |
|----|---|
| 1 | D |
| 2 | D |
| 3 | D |
| 4 | B |
| 5 | A |
| 6 | D |
| 7 | D |
| 8 | B |
| 9 | D |
| 10 | D |
| 11 | A |
| 12 | C |
| 13 | C |

TEST - 2

| | |
|----|---|
| 1 | C |
| 2 | C |
| 3 | D |
| 4 | B |
| 5 | C |
| 6 | C |
| 7 | D |
| 8 | A |
| 9 | A |
| 10 | B |
| 11 | A |
| 12 | D |
| 13 | B |

TEST - 3

| | |
|----|---|
| 1 | D |
| 2 | B |
| 3 | A |
| 4 | C |
| 5 | B |
| 6 | C |
| 7 | B |
| 8 | B |
| 9 | D |
| 10 | A |
| 11 | C |
| 12 | D |

Yeni nesil tadında sorular

TEST - 1

| | |
|---|---|
| 1 | C |
| 2 | A |
| 3 | B |
| 4 | C |
| 5 | C |
| 6 | B |
| 7 | D |
| 8 | B |

TEST - 2

| | |
|---|---|
| 1 | B |
| 2 | C |
| 3 | C |
| 4 | B |