

CEVAPLI TEST-1

1. $3x-4=2x+9$ ise $x = ?$

- A) 11 B) 12 C) 13 D) 14 E) 15

2. $4x-2.(x+1)-[-(x+4)-(-2x+5)]=12$ ise $x=?$

- A) 4 B) 5 C) 6 D) 7 E) 8

3. $\frac{2x-1}{3}+4=\frac{3x+7}{2}+1$ ise $x=?$

- A) -1 B) 0 C) 1 D) 2 E) 3

4. $\frac{2(x+1)}{3}+\frac{3(x-2)}{2}+\frac{5(2x-1)}{4}=0$ ise $x=?$

- A)
- $\frac{43}{56}$
- B)
- $\frac{15}{29}$
- C)
- $\frac{19}{28}$
- D) 1 E) 2

5. $2-\frac{3x}{\frac{2x-1}{4}+1}=0$ ise $x=?$

- A)
- $\frac{1}{2}$
- B)
- $\frac{2}{3}$
- C)
- $\frac{3}{4}$
- D)
- $\frac{4}{5}$
- E)
- $\frac{5}{6}$

6. $2x+3a+2=5ax-3x-7a-3$ ise $x=?$

- A)
- $2a$
- B)
- $a-1$
- C)
- $\frac{2a+1}{a-1}$
-
- D)
- $\frac{a+1}{2a-1}$
- E)
- $\frac{2a-1}{a+1}$

7. $5-[2x-3-(x+2)]=7$ ise $x=?$

- A) 5 B) 4 C) 3 D) 2 E) 1

8. $0,25(x-3)=0,15.4$ ise $x=?$

- A)
- $\frac{27}{5}$
- B)
- $\frac{17}{15}$
- C)
- $\frac{12}{5}$
- D) 5 E) 6

9. $\frac{3x-4}{5}+\frac{2ax-8}{4}=5$ denkleminin kökü 3
ise $a=?$

- A) 3 B) 4 C) 5 D) 6 E) 7

10. $a \neq b$ olmak üzere $\frac{2ax+b}{a}+\frac{3bx-a}{b}=0$
ise $x=?$

- A)
- $\frac{a^2+b^2}{3ab}$
- B)
- $\frac{a^2-b^2}{3ab}$
- C)
- $\frac{a^2-b^2}{5ab}$
-
- D)
- $\frac{a^2-b^2}{7ab}$
- E)
- $\frac{a}{b}-\frac{b}{a}$

11. $(2x-1).(x+4)=0$ ise çözüm kümesi nedir?

- A)
- $\left\{\frac{1}{2}, -4\right\}$
- B)
- $\left\{-\frac{1}{2}, 4\right\}$
- C)
- $\left\{-\frac{1}{2}, -4\right\}$
-
- D)
- $\left\{\frac{1}{2}\right\}$
- E)
- $\{-4\}$

12. $x^3 - 2x^2 = 0$ ise çözüm kümesi nedir?

- A) \emptyset B) $\{0\}$ C) $\{2\}$
D) $\{0,2\}$ E) $\{0,-2\}$

13. $(x+4)^2 - 4 = 0$ ise çözüm kümesi nedir?

- A) \emptyset B) $\{-2\}$ C) $\{-4\}$
D) $\{-2,-4\}$ E) \mathbb{R}

14. $(x-2)^2 - (2x+3)^2 = 0$ ise çözüm kümesi nedir?

- A) $\{-5\}$ B) $\{\}$ C) $\left\{-\frac{1}{3}\right\}$
D) $\left\{-\frac{1}{3}, -5\right\}$ E) $\{5\}$

15. $x^2 - 9 = 0$ ise çözüm kümesi nedir?

- A) $\{\}$ B) $\{3\}$ C) $\{-3\}$ D) $\{-9\}$ E) $\{-3,3\}$

16. $\frac{(x+3).x+2}{x+2} = x+1$ ise Ç.K=?

- A) $\{\}$ B) $\{-2\}$ C) $\{-2,-1\}$
D) $\mathbb{R}-\{-2\}$ E) $\{-1,2\}$

17. $(x+2).(x+1).(x-4)=(x+1).(x+2)$ ise çözüm kümesi nedir?

- A) $\{5\}$ B) $\{-2,-1\}$ C) $\{-2,-1,5\}$
D) $\{1,2\}$ E) $\{\}$

18. $\frac{x+2}{x+1} + \frac{3-x}{x-2} = 0$ ise çözüm kümesi nedir?

- A) $\left\{\frac{1}{2}\right\}$ B) $\left\{-1, \frac{1}{2}, 2\right\}$ C) $\{-1,2\}$
D) $\{2\}$ E) $\{-1\}$

19. $\frac{x+3}{x+7} - \frac{2x-1}{x+2} + \frac{3x+a}{x+1} = 3$ denkleminin bir kökü -3 ise $a=?$

- A) -7 B) -8 C) -9 D) -10 E) -11

20. $2 + \frac{x - \frac{x+1}{2}}{2x+1} = 1$ ise $x=?$

- A) -2 B) -1 C) $-\frac{1}{4}$ D) $-\frac{1}{5}$ E) $-\frac{1}{6}$

1	2	3	4	5	6	7	8	9	10
C	B	A	A	C	C	C	A	B	C
11	12	13	14	15	16	17	18	19	20
A	D	B	D	E	D	C	A	E	D