

1.  $\frac{2x}{3} = 4$  olduğuna göre, x kaçtır?

2.  $x + \frac{x}{2} = 3$

3.  $4.1\frac{1}{3} = \frac{48}{A}$

4.  $\frac{x+2}{3} = \frac{x+3}{2}$

5.  $\frac{x}{3} + \frac{x+1}{2} = -2$

6.  $\frac{5x}{2} - \frac{4x+5}{2} = \frac{1}{2}$

7.  $\frac{x}{10} - \frac{x-2}{5} = 1$

8.  $-\frac{x}{3} - x = 8$

9.  $\frac{12}{x} = \frac{1}{5} \div \frac{1}{20}$

10.  $\frac{2x-5}{4} - x = \frac{3}{4}$

11.  $x - \frac{3}{8} = \frac{x}{4}$

12.  $\frac{x+3}{4} - \frac{x-2}{5} = 2$

13.  $\frac{x+2}{6} = \frac{x}{3} - \frac{x-3}{4}$

14.  $0,3\bar{3}x = \frac{3}{5}$

15.  $\frac{1}{x} = \frac{3}{2x-1}$

16.  $\frac{x}{\frac{x}{3}-2} = 6$

17.  $\frac{x}{2} + 1 = 6$

18.  $\frac{x-4}{2} = -4$

19.  $\frac{x+2}{9} + \frac{x-5}{3} = \frac{1}{3}$

20.  $\frac{x}{4} - \frac{1}{6} = \frac{1}{3}$

$$21. \frac{x+20}{6} + \frac{x}{2} = \frac{4x}{3}$$

$$22. \frac{x+2}{3} - 13 = -\frac{x}{5} - 12$$

$$23. \frac{5x}{2} - \frac{-3x+3}{2} = \frac{x+4}{2}$$

$$24. -\frac{4-x}{16} - \frac{x+2}{4} = -\frac{x}{16}$$

$$25. 1 + \frac{1}{1 - \frac{x}{3}} = 2$$

$$26. \frac{(-1)^{2017} - (-1)^{2018}}{x+5} = 1$$

$$27. \frac{x}{90} = 1,1\bar{4}$$

$$28. \frac{x + \frac{1}{2}}{x - 0,5} = \frac{1,5}{0,5}$$

$$29. 0,8\bar{8} - \frac{x}{9} = 0,8$$

$$30. (1 - \frac{1}{2}) \cdot (1 - \frac{1}{3}) \cdot (1 - \frac{1}{4}) \cdot \dots \cdot (1 - \frac{1}{n}) = \frac{1}{45}$$

$$31. \frac{2 + \frac{1}{3 - \frac{1}{x}}}{2 + \frac{1}{2 + \frac{1}{x}}} = 1$$

$$32. 3 + \frac{2}{x-5} = 2$$

$$33. \frac{x}{3} - \frac{x}{4} + \frac{x}{2} = 21$$

$$34. \frac{5x-2}{2x+2} = 2$$

$$35. 2(x-5) + 3(x+1) = 23$$

$$36. 5 + \frac{8}{1 + \frac{x}{3}} = 7$$

$$37. \frac{x-2}{3} + \frac{x+3}{-2} = -2$$