

Lineare Gleichungen - LG 10

Name _____ Datum _____

Löse folgende Gleichungen!

1) $-2\frac{3}{4}\left(\frac{1}{2} + k\right) = \frac{11}{8}$

2) $-1\frac{1}{3}x - 2\frac{3}{5} = -\frac{134}{15}$

3) $\frac{1}{2}\left(x + \frac{7}{5}\right) = \frac{6}{5}$

4) $-\frac{5}{3}\left(p + \frac{2}{3}\right) = -\frac{25}{9}$

5) $-a + \frac{1}{2} = -\frac{9}{4}$

6) $2\frac{1}{4} - \frac{1}{2}x = \frac{139}{36}$

7) $\frac{3}{2}\left(-\frac{9}{5} + x\right) = -\frac{3}{4}$

8) $\frac{5}{3}(n - 5) = -10$

9) $-3\frac{1}{3} + \frac{2}{3}a = -\frac{80}{21}$

10) $-2\frac{3}{5} + \frac{7}{4}k = \frac{143}{20}$

11) $\frac{2}{5}(1 + n) = \frac{2}{25}$

12) $-5\left(x + \frac{7}{4}\right) = -\frac{55}{4}$

13) $\frac{7}{4}\left(b - 1\frac{4}{5}\right) = -\frac{35}{8}$

14) $\frac{5}{3} + \frac{1}{4}x = \frac{73}{42}$

15) $\frac{3}{5}x - \frac{4}{5} = -\frac{11}{5}$

16) $-2\left(k - 3\frac{2}{3}\right) = \frac{16}{3}$

17) $2\frac{1}{3}\left(-3\frac{3}{5} + a\right) = \frac{161}{60}$

18) $2\frac{4}{5}x + 1\frac{2}{5} = -\frac{47}{5}$

19) $\frac{3}{4}\left(-1\frac{2}{3} + p\right) = -\frac{9}{4}$

20) $-2\frac{3}{4}r - \frac{9}{5} = -\frac{841}{70}$

21) $\frac{2}{3}\left(\frac{1}{5} + v\right) = \frac{34}{5}$

22) $\frac{1}{2}x + \frac{4}{5} = -\frac{27}{10}$

23) $\frac{3}{2}\left(-\frac{3}{2} + n\right) = -\frac{99}{16}$

24) $-2\frac{3}{5}\left(m + \frac{1}{4}\right) = -\frac{1573}{100}$