

Aufgabe 1:

a) $2x = -9$

d) $4x = 8$

g) $-x = -9$

b) $9x = -7$

e) $8x = -1$

h) $-2x = 4$

c) $2x = -4$

f) $8x = 1$

i) $8x = 8$

Aufgabe 2:

a) $6x + 10 = 0$

d) $6x - 5 = 0$

g) $8x + 9 = 0$

b) $-x - 4 = 0$

e) $x + 6 = 0$

h) $-2x - 6 = 0$

c) $-9x - 4 = 0$

f) $4x + 9 = 0$

i) $-4x - 4 = 0$

Aufgabe 3:

a) $2x + 7 = 3$

d) $5x + 3 = -8$

g) $4x - 2 = 5$

b) $-x - 8 = -2$

e) $6x + 4 = -9$

h) $-5x - 6 = 3$

c) $-2x - 5 = 7$

f) $-8x + 10 = -9$

i) $-9x + 4 = -6$

Aufgabe 4:

a) $3x + 5 = 6x + 7$

d) $9x - 10 = -6x - 8$

g) $8x + 3 = -8x$

b) $-10x - 5 = -6x - 2$

e) $8x - 1 = -3x - 10$

h) $-10x - 6 = 9x + 10$

c) $x - 2 = 9x - 1$

f) $-2x + 10 = 7x - 1$

i) $-x - 2 = 4x - 7$

Aufgabe 5:

a) $5(-7x + 7) = 1$

d) $8(-6x - 3) = 7$

g) $-9x = -6$

b) $-9(-6x + 4) = -7$

e) $-7(-9x + 4) = -10$

h) $-4(-4x - 10) = -5$

c) $9(-4x - 8) = -8$

f) $5(x - 10) = -5$

i) $2(-7x - 6) = -7$

Aufgabe 6:

a) $-9(7x - 4) = 10(8x + 8)$

f) $-6(-8x - 6) = 2(6x - 6)$

b) $-8(-x - 5) = -7(-x + 1)$

g) $7(-3x + 2) = 4x + 5$

c) $-6(2x + 1) = -5(-x - 9)$

h) $-10(10x - 7) = -2(9x - 3)$

d) $-8(3x + 7) = 9(8x + 8)$

e) $3(-4x + 3) = 9(2x - 6)$

i) $9(4x - 1) = 6(-4x + 1)$

$-\frac{2}{3}, \frac{29}{54}, -\frac{16}{9}, \frac{21}{10}, -\frac{45}{16}, -\frac{31}{48}, -\frac{5}{3}, -\frac{11}{5}, -\frac{3}{4}, \frac{5}{6}, -\frac{1}{8}, -2, 9, 2, -\frac{4}{3}, \frac{10}{9}, -2, -\frac{4}{13}, -\frac{4}{3}, \frac{9}{25}, -3, \frac{19}{8}, -\frac{9}{5}, -1, \frac{2}{7}, \frac{2}{15}, -6, \frac{32}{41}, -\frac{9}{2}, \frac{11}{9}, -\frac{9}{4}, -6, \frac{1}{8}, 1, -4, -2, -\frac{7}{9}, -\frac{16}{19}, -\frac{4}{9}, -\frac{5}{14}, \frac{2}{3}, -\frac{1}{8}, \frac{7}{4}, \frac{1}{4}, 9, -\frac{3}{16}, -\frac{9}{8}, -47, -\frac{9}{11}, -3, \frac{34}{35}, -\frac{13}{6}, 1, -6, -\frac{9}{2}, -\frac{7}{9}, -2, 2, -\frac{1}{8}, \frac{1}{8}, 9, -2, 1, -\frac{5}{3}, -4, -\frac{4}{9}, \frac{5}{6}, -6, -\frac{9}{4}, -\frac{9}{8}, -3, -1, -2, -6, -6, -\frac{11}{5}, -\frac{13}{6}, \frac{19}{8}, \frac{7}{4}, -\frac{9}{5}, \frac{10}{9}, -\frac{2}{3}, -\frac{3}{4}, -\frac{1}{8}, \frac{2}{15}, -\frac{9}{11}, \frac{11}{9}, -\frac{3}{16}, -\frac{16}{19}, 1, \frac{34}{35}, \frac{29}{54}, -\frac{16}{9}, -\frac{31}{48}, \frac{2}{7}, 9, \frac{2}{3}, -\frac{45}{16}, -\frac{5}{14}, -\frac{4}{13}, -47, -3, -\frac{4}{3}, \frac{21}{10}, -\frac{4}{3}, \frac{9}{25}, \frac{32}{41}, \frac{1}{4},$