

Aufgabe 1:

a) $10x = -4$

d) $-10x = 6$

g) $-9x = 4$

b) $3x = 2$

e) $-4x = -3$

h) $-5x = 4$

c) $-2x = 10$

f) $-10x = 7$

i) $x = 8$

Aufgabe 2:

a) $10x - 6 = 0$

d) $2x - 5 = 0$

g) $-x - 5 = 0$

b) $-6x - 5 = 0$

e) $-9x - 2 = 0$

h) $7x + 3 = 0$

c) $6x + 7 = 0$

f) $6x - 4 = 0$

i) $10x + 6 = 0$

Aufgabe 3:

a) $-5x - 1 = -8$

d) $3x + 5 = 9$

g) $4x - 4 = -10$

b) $-7x + 3 = 0$

e) $-x = -7$

h) $-3x + 8 = -1$

c) $8x - 3 = 0$

f) $6x + 6 = -3$

i) $-4x + 4 = 6$

Aufgabe 4:

a) $-3x - 3 = 7x + 7$

d) $4x + 2 = 9x + 4$

g) $-5x + 5 = -9x + 1$

b) $x = -4x + 2$

e) $9x + 2 = 3x - 2$

h) $-3x - 7 = -6x + 10$

c) $2x + 7 = 7x + 1$

f) $-x - 1 = -6x - 1$

i) $8x - 2 = -4x + 2$

Aufgabe 5:

a) $10(8x + 2) = -6$

d) $-5x - 1 = 0$

g) $2(-3x + 4) = -1$

b) $3(-x - 6) = -2$

e) $8(x + 8) = 8$

h) $-4x + 8 = -6$

c) $5(3x - 7) = 6$

f) $7(5x - 8) = -1$

i) $8(x + 9) = -3$

Aufgabe 6:

a) $-4(x) = -6(4x - 7)$

f) $-6(2x + 3) = -5(-5x + 6)$

b) $-10(9x) = 6(10x - 1)$

g) $6(x + 7) = -8(3x)$

c) $-1(x + 5) = -8(-8x - 2)$

h) $3(-5x + 6) = -3x - 10$

d) $-3(2x - 2) = -9(-6x - 3)$

e) $-7(3x - 7) = -6(7x + 5)$

i) $-4(-6x - 7) = 2(9x - 5)$

$-\frac{75}{8}, -\frac{3}{2}, -\frac{1}{5}, \frac{7}{2}, -\frac{2}{5}, -\frac{3}{5}, \frac{3}{5}, -\frac{1}{2}, \frac{7}{3}, -\frac{19}{3}, 3, -\frac{16}{3}, \frac{2}{3}, \frac{2}{5}, -\frac{7}{5}, -\frac{2}{3}, -\frac{5}{6}, \frac{7}{5}, 7, \frac{11}{7}, -\frac{4}{5}, -\frac{13}{40}, 8, \frac{3}{4}, \frac{1}{25},$
 $-5, -1, \frac{5}{2}, \frac{3}{8}, \frac{17}{3}, -7, -\frac{21}{65}, \frac{4}{3}, -1, -\frac{7}{10}, -\frac{2}{9}, -\frac{3}{2}, \frac{1}{3}, \frac{6}{5}, \frac{2}{3}, 0, -\frac{7}{6}, \frac{3}{2}, \frac{21}{10}, \frac{12}{37}, -5, -\frac{7}{20}, -\frac{4}{9}, -\frac{3}{2}, \frac{41}{15},$
 $-\frac{79}{21}, -\frac{3}{5}, \frac{3}{7}, -\frac{2}{5},$
 $-\frac{2}{5}, \frac{2}{3}, -5, -\frac{3}{5}, \frac{3}{4}, -\frac{7}{10}, -\frac{4}{9}, -\frac{4}{5}, 8, \frac{3}{5}, -\frac{5}{6}, -\frac{7}{6}, \frac{5}{2}, -\frac{2}{9}, \frac{2}{3}, -5, -\frac{3}{7}, -\frac{3}{5}, \frac{7}{5}, \frac{3}{7}, \frac{3}{8}, \frac{4}{3}, 7, -\frac{3}{2}, -\frac{3}{2}, 3,$
 $-\frac{1}{2}, -1, \frac{2}{5}, \frac{6}{5}, -\frac{2}{5}, -\frac{2}{3}, 0, -1, \frac{17}{3}, \frac{1}{3}, -\frac{13}{40}, -\frac{16}{3}, \frac{41}{15}, -\frac{1}{5}, -7, \frac{11}{7}, \frac{3}{2}, \frac{7}{2}, -\frac{75}{8}, \frac{21}{10}, \frac{1}{25}, -\frac{21}{65}, -\frac{7}{20}, -\frac{79}{21},$
 $\frac{12}{37}, -\frac{7}{5}, \frac{7}{3}, -\frac{19}{3},$