

Aufgabe 1:

a) $-5x = -6$

d) $4x = -4$

g) $-9x = 10$

b) $x = 6$

e) $-6x = 6$

h) $-6x = 5$

c) $9x = -8$

f) $8x = 6$

i) $-3x = 1$

Aufgabe 2:

a) $x + 4 = 0$

d) $8x + 5 = 0$

g) $9x - 2 = 0$

b) $10x + 8 = 0$

e) $-x - 1 = 0$

h) $7x + 2 = 0$

c) $-6x + 8 = 0$

f) $-x - 8 = 0$

i) $-10x - 3 = 0$

Aufgabe 3:

a) $-5x + 2 = -1$

d) $9x + 10 = 2$

g) $-3x + 2 = -5$

b) $4x - 6 = 6$

e) $x - 3 = -5$

h) $-4x + 1 = -6$

c) $-3x + 3 = 7$

f) $-7x + 4 = -5$

i) $2x - 5 = -2$

Aufgabe 4:

a) $x + 2 = 7x$

d) $5x + 10 = x - 5$

g) $8x - 6 = 4x + 2$

b) $10x + 1 = x + 1$

e) $-7x - 6 = -4x + 9$

h) $-2x + 7 = x + 6$

c) $6x + 10 = 2x + 10$

f) $-6x + 8 = 4x + 3$

i) $3x - 3 = -8x + 7$

Aufgabe 5:

a) $-7x + 7 = 3$

d) $80x + 8 = 7$

g) $-30x - 10 = 6$

b) $-6x - 48 = -8$

e) $49x - 63 = -3$

h) $-8x - 6 = 1$

c) $-9x + 9 = -6$

f) $25x + 10 = -7$

i) $x - 2 = 4$

Aufgabe 6:

a) $-63x = -8x + 5$

d) $14x - 63 = x + 3$

g) $-30x - 48 = 72x - 64$

b) $15x - 9 = -10x + 20$

e) $7x - 56 = 40x + 40$

h) $10x - 5 = 50x - 30$

c) $27x - 81 = -3x - 7$

f) $-21x + 49 = -36x + 32$

i) $-63x - 63 = -7x - 28$

$$-2, \frac{8}{51}, \frac{5}{3}, \frac{66}{13}, 2, -\frac{5}{8}, -\frac{17}{15}, -\frac{4}{3}, -\frac{17}{25}, -\frac{3}{10}, \frac{1}{3}, -\frac{8}{9}, -\frac{15}{4}, -\frac{4}{5}, \frac{29}{25}, \frac{10}{11}, \frac{60}{49}, \frac{37}{15}, \frac{3}{5}, -8, -1, \frac{3}{2}, -\frac{8}{15}, \frac{1}{2}, \frac{4}{3},$$

$$-\frac{8}{9}, \frac{3}{4}, 6, \frac{9}{7}, 0, 0, -1, -\frac{20}{3}, -\frac{7}{8}, -\frac{1}{80}, -\frac{2}{7}, -\frac{5}{6}, \frac{2}{9}, -1, -\frac{1}{3}, -\frac{1}{11}, \frac{1}{3}, \frac{6}{5}, -\frac{32}{11}, 3, 6, \frac{7}{4}, -5, \frac{4}{7}, -\frac{5}{8}, \frac{7}{3},$$

$$-4, \frac{5}{8}, -\frac{10}{9},$$

$$\frac{6}{5}, 6, -\frac{8}{9}, -1, -\frac{3}{4}, -\frac{10}{9}, -\frac{5}{6}, -\frac{1}{3}, -4, -\frac{4}{5}, \frac{4}{3}, -\frac{5}{8}, -1, -8, \frac{2}{9}, -\frac{2}{7}, -\frac{3}{10}, \frac{3}{5}, 3, -\frac{4}{3}, -\frac{8}{9}, -2, \frac{9}{7}, \frac{7}{3}, \frac{7}{4},$$