

Name: \_\_\_\_\_

Klasse: \_\_\_\_\_

Datum: \_\_\_\_\_

Name: \_\_\_\_\_

Datum: \_\_\_\_\_

**Aufgabe 1:**  / 

a)  $-3x = -10$

d)  $7x = -3$

g)  $-3x = 3$

b)  $-8x = -10$

e)  $2x = 3$

h)  $10x = -8$

c)  $4x = -3$

f)  $-5x = -6$

i)  $9x = -8$

**Aufgabe 2:**  / 

a)  $3x + 9 = 0$

d)  $-2x + 5 = 0$

g)  $-8x - 2 = 0$

b)  $9x - 7 = 0$

e)  $-7x + 7 = 0$

h)  $x - 1 = 0$

c)  $-9x + 6 = 0$

f)  $-10x - 5 = 0$

i)  $x + 8 = 0$

**Aufgabe 3:**  / 

a)  $5x - 6 = 9$

d)  $10x - 10 = 10$

g)  $-7x + 8 = 1$

b)  $-5x - 6 = 5$

e)  $6x + 1 = 2$

h)  $7x - 3 = -7$

c)  $-x - 7 = 5$

f)  $-7x + 3 = 8$

i)  $x - 8 = 10$

**Aufgabe 4:**  / 

a)  $x - 7 = 9x - 7$

d)  $-9x + 8 = 3x - 10$

g)  $-8x - 7 = x + 8$

b)  $10x - 4 = -8x - 10$

e)  $8x = -8x - 5$

h)  $-9x - 6 = x + 2$

c)  $9x - 4 = -2x - 3$

f)  $-6x + 10 = x$

i)  $-2x - 2 = 9x + 4$

**Aufgabe 5:**  / 

a)  $-3x = -3$

d)  $21x + 30 = 10$

g)  $-70x + 10 = -3$

b)  $72x - 45 = 3$

e)  $15x + 9 = 1$

h)  $15x + 27 = 8$

c)  $24x - 32 = 10$

f)  $-10x - 4 = -9$

i)  $-48x + 18 = -8$

**Aufgabe 6:**  / 

a)  $30x + 10 = 24x + 56$

f)  $30x - 27 = 8x - 12$

b)  $-70x + 35 = 63x + 14$

g)  $54x - 48 = 56x + 16$

c)  $72x + 45 = 4x + 4$

h)  $-70x + 7 = 32x + 12$

d)  $32x - 40 = 3x + 21$

i)  $-7x + 9 = -5x - 2$

e)  $5x + 6 = -48x + 54$

Name:

Klasse:

Datum:

$$\frac{10}{3}, \frac{5}{4}, -\frac{3}{4}, -\frac{3}{7}, \frac{3}{2}, \frac{6}{5}, -1, -\frac{4}{5}, -\frac{8}{9}, -3, \frac{7}{9}, \frac{2}{3}, \frac{5}{2}, 1, -\frac{1}{2}, -\frac{1}{4}, 1, -8, 3, -\frac{11}{5}, -12, 2, \frac{1}{6}, -\frac{5}{7}, 1, -\frac{4}{7}, 18,$$

$$0, -\frac{1}{3}, \frac{1}{11}, \frac{3}{2}, -\frac{5}{16}, \frac{10}{7}, -\frac{5}{3}, -\frac{4}{5}, -\frac{6}{11}, 1, \frac{2}{3}, \frac{7}{4}, -\frac{20}{21}, -\frac{8}{15}, \frac{1}{2}, \frac{13}{70}, -\frac{19}{15}, \frac{13}{24}, \frac{23}{3}, \frac{3}{19}, -\frac{41}{68}, \frac{61}{29}, \frac{48}{53}, \frac{15}{22},$$

$$-32, -\frac{5}{102}, \frac{11}{2},$$