

Aufgabe 1:

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|---------------|---------------|---------------|
| a) $-4x = -1$ | d) $-6x = 3$ | g) $-9x = -4$ |
| b) $2x = 5$ | e) $-2x = -2$ | h) $4x = 6$ |
| c) $5x = 9$ | f) $x = -4$ | i) $-x = 5$ |

Aufgabe 2:

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|------------------|------------------|-------------------|
| a) $4x - 2 = 0$ | d) $2x - 5 = 0$ | g) $4x - 4 = 0$ |
| b) $10x + 4 = 0$ | e) $8x - 6 = 0$ | h) $-7x + 10 = 0$ |
| c) $-6x - 1 = 0$ | f) $3x - 10 = 0$ | i) $-10x = 0$ |

Aufgabe 3:

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|--------------------|------------------|-------------------|
| a) $-10x + 8 = -9$ | d) $9x + 6 = 10$ | g) $-7x + 2 = 9$ |
| b) $x + 1 = -3$ | e) $-x - 8 = 5$ | h) $2x + 3 = 0$ |
| c) $7x - 6 = 6$ | f) $8x - 9 = 5$ | i) $-3x - 7 = -1$ |

Aufgabe 4:

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|------------------------|-----------------------|----------------------|
| a) $-x - 4 = -10x + 2$ | d) $x - 4 = -4x - 8$ | g) $5x + 7 = x - 4$ |
| b) $7x - 2 = -3x - 3$ | e) $7x + 6 = -9x$ | h) $x + 6 = -3x - 1$ |
| c) $-9x - 2 = 10x$ | f) $-3x - 9 = 8x + 4$ | i) $6x - 2 = x + 7$ |

Aufgabe 5:

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|--------------------|--------------------|--------------------|
| a) $50x + 60 = 5$ | d) $-3x + 6 = 5$ | g) $-32x = 0$ |
| b) $2x = 3$ | e) $15x + 30 = 9$ | h) $-45x + 36 = 2$ |
| c) $56x + 24 = -5$ | f) $-40x - 25 = 0$ | i) $-64x + 72 = 6$ |

Aufgabe 6:

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|---------------------------|-------------------------|--------------------------|
| a) $x + 9 = -20x + 6$ | d) $30x - 18 = 6x - 14$ | g) $18x - 12 = -20x + 8$ |
| b) $24x + 27 = -14x + 10$ | e) $90x + 63 = 30x - 6$ | h) $-6x - 2 = -48x + 40$ |
| c) $50x - 100 = 6x + 2$ | f) $28x - 49 = -2x + 8$ | i) $-2x - 16 = 5x - 3$ |

$1, 1, \frac{10}{7}, -\frac{23}{20}, -\frac{2}{19}, \frac{5}{2}, -\frac{1}{2}, -\frac{4}{5}, \frac{12}{7}, -\frac{7}{5}, \frac{9}{5}, \frac{2}{3}, \frac{33}{32}, \frac{3}{2}, \frac{4}{9}, -4, \frac{7}{4}, \frac{3}{2}, \frac{3}{4}, -\frac{3}{8}, \frac{5}{2}, -1, -\frac{11}{10}, \frac{10}{19}, \frac{51}{22}, -4, \frac{1}{2},$
 $-13, -5, \frac{10}{3}, -\frac{5}{8}, -\frac{13}{11}, -\frac{29}{56}, -\frac{7}{4}, -\frac{17}{38}, 0, 1, -\frac{1}{6}, \frac{4}{9}, \frac{1}{3}, -\frac{2}{5}, -\frac{1}{7}, \frac{1}{4}, \frac{17}{10}, \frac{1}{6}, \frac{9}{5}, 0, \frac{34}{45}, -\frac{3}{2}, -\frac{13}{7}, -\frac{1}{10},$
 $-2, -\frac{11}{4}, \frac{19}{10},$

$\frac{1}{4}, \frac{5}{2}, \frac{9}{5}, -\frac{1}{2}, 1, -4, \frac{4}{9}, \frac{3}{2}, -5, \frac{1}{2}, -\frac{2}{5}, -\frac{1}{6}, \frac{5}{2}, \frac{3}{4}, \frac{10}{3}, 1, \frac{10}{7}, 0, \frac{17}{10}, -4, \frac{12}{7}, \frac{4}{9}, -13, \frac{7}{4}, -1, -\frac{3}{2}, -2, \frac{2}{3},$
 $1, 2, 4, 3, 13, 11, 7, 9, 11, 3, 29, 1, 7, 5, -34, 33, 1, 17, 51, 1, 23, 19,$