

1.  $4x + 8 = 3x + 4$
2.  $7 - 2x = 4x - 5$
3.  $6x - (8 - 3x) = 5x + 4$
4.  $3x - 8 = 7x - (4x + 2x)$
5.  $3a - [a - (6a + 5)] = 0$
6.  $(z + 1) \cdot (z + 2) = z \cdot (z + 4)$
7.  $1 - (2x + 3) = 3 \cdot (x - 4)$
8.  $7 \cdot (x - 3) - 5 \cdot (2x - 15) = 3 \cdot (x - 2)$
9.  $(x + 4) \cdot (x - 1) = (x + 7) \cdot (x - 2)$
10.  $4x - 2 - [2x - (3 - x)] = 5$
11.  $18 = (x - 3) \cdot 6$
12.  $7 \cdot (2x - 8) = (x + 2) \cdot 6$
13.  $(3x - 4) \cdot (4x + 2) = (2x + 4) \cdot (6x - 11)$
14.  $4 \cdot (2x - 15) = 3x - 5$
15.  $2x - 3 + (4x + 2) - (8x - 10) = 4 + 3x - (6x + 5)$
16.  $4 \cdot (3x - 2) - 7x = 4 \cdot (2x - 3) + 1$
17.  $4x - 2 - [2x - (3 - x)] = 5$
18.  $7 \cdot (2x - 8) = (x + 2) \cdot 6$
19.  $(5x - 2)^2 - (3x + 1)^2 = (4x + 6) \cdot (4x - 6)$
20.  $(x - 1)^2 = (x - 3) \cdot (x + 2)$
21.  $(3x + 2)^2 + (4x - 2)^2 = (5x + 1)^2 - 4 \cdot (2x + 3) + 1$
22.  $(6x + 3) \cdot (2x - 1) = (3x - 1) \cdot (4x + 1)$
23.  $\frac{x+1}{2} - \frac{x-1}{3} = \frac{3x-1}{6}$