Exempel:

$$5x + 1 = 10 + 2x; \ 5x + 1 - 2x = 10 + 2x - 2x;$$
$$3x + 1 = 10; \ 3x + 1 - 1 = 10 - 1;$$
$$3x = 9; \ \frac{3x}{3} = \frac{9}{3};$$
$$x = 3$$

Använd balansmetoden och lös följande ekvationer.

- $3x + 2 = x + 6$

  $x = \underline{\hspace{1cm}}$

- $8x - 7 = 3 - 2x$

  $x = \underline{\hspace{1cm}}$

- $5x + 7 = 13 + 4x$

  $x = \underline{\hspace{1cm}}$

- $3x + 17 = 10 + 4x$

  $x = \underline{\hspace{1cm}}$

- $5x + 10 = 4x + 12$

  $x = \underline{\hspace{1cm}}$

- $10x + 10 = 2x + 12$

  $x = \underline{\hspace{1cm}}$

- $12x + 10 = 2x + 200$

  $x = \underline{\hspace{1cm}}$

- $2x + 100 = 4x + 50$

  $x = \underline{\hspace{1cm}}$