

# Algebra

Träna mer

## Ekvationer

*Några ekvationer att träna på:*



Lös ekvationerna.

- |   |                           |                           |                           |                      |
|---|---------------------------|---------------------------|---------------------------|----------------------|
| 1 | a) $4x = 16$              | b) $3x = 21$              | c) $x + 6 = 12$           | d) $x - 7 = 23$      |
| 2 | a) $12 + x = 45$          | b) $\frac{x}{5} = 12$     | c) $0,5x = 3$             | d) $2 = \frac{x}{7}$ |
| 3 | a) $3x + 1 = 16$          | b) $5x - 3 = 27$          | c) $4x + 7 = 23$          |                      |
| 4 | a) $\frac{x}{5} - 1 = 12$ | b) $\frac{x}{3} + 2 = 10$ | c) $4 + \frac{x}{2} = 8$  |                      |
| 5 | a) $4x - 6 = 16$          | b) $2x - 3 = 7$           | c) $3x + 2 = 20$          |                      |
| 6 | a) $\frac{x}{2} + 5 = 26$ | b) $\frac{x}{4} - 5 = 22$ | c) $7 + \frac{x}{5} = 21$ |                      |



Lös ekvationerna.

- |   |                  |                               |                    |
|---|------------------|-------------------------------|--------------------|
| 7 | a) $5x = 2$      | b) $4x - 16 = 2$              | c) $5x - 1 = 27$   |
| 8 | a) $2x + 3 = 14$ | b) $\frac{x}{20} - 200 = 100$ | c) $50x - 75 = 45$ |



Lös ekvationerna. Förenkla först.

- |    |                           |                                   |                       |
|----|---------------------------|-----------------------------------|-----------------------|
| 9  | a) $2x + 2x = 8$          | b) $6x - x = 30$                  | c) $2x + 3x - x = 16$ |
| 10 | a) $4x + 13 - 2x = 19$    | b) $2x + 15 + 3x = 35$            | c) $7x - 2x + 9 = 24$ |
| 11 | a) $x + 2x = 18 - 3$      | b) $2x + 2 + 3x - 1 = 21$         |                       |
| 12 | a) $3x - 5 + 2x + 4 = 19$ | b) $14 + 9x - 9 - 3x = 35$        |                       |
| 13 | a) $4x + 2 - x - 5 = 12$  | b) $7x + 7 - x + 7 - 2x - 8 = 42$ |                       |