

Namn: _____

Klass: _____

Grading equations

No calculator is needed for this test and the time limit is 45 minutes.

Exercises 1-2

These equations are solved in two steps so each correct step is one point. However, if you try to solve an equation in an inaccurate way you will get 0 points. For example, trying to solve $2x=6$ by subtracting 2.

Basically you have to solve it "correctly" but you are allowed to make an arithmetical mistake and still get 1 point out of 2.

Exercise 3

These equations are worth 3 points. For every arithmetical mistake made one point is deducted.

Notice! If you make a major mistake when solving these equations you receive 0 points. (For example in 3b; trying to remove the "3" from the left side without first simplifying the expression using the distributive law)

(In 3c you deduct half a point in case the answer is a fraction which is not simplified)

Exercise 4

One point for showing that $4^2 \neq 8$ and another point for answering the question.

Exercise 5-6

One point for formulating the correct variable expressions.

One point for formulating the equation and solve it correctly.

One point for using the variable expressions to answer the question.

Scale:

Grade	Points
4	
5	12-14,5
6	15-17,5
7	18-20,5
8	21-23
9	23,5-26
10	26,5-29

As I mentioned in the blog, grades 5-6 are represented with a 1; grades 7-8 are represented with a 2 while grades 9-10 are represented with a 3.