

How to use WebALT exercises in teaching

In your class home page you can see available assignments in your class:

WebALT Inc. **Arithmetic : Class Homepage**

[System Homepage](#) » [Class Homepage](#) Welcome Maple T.A. Administrator
[\[My Profile \]](#)

[Actions](#) [Content Manager](#) [Gradebook](#) [Help](#) [Logout](#)

Arithmetic

WebALT Inc

Maple T.A. Administrator (matti.pauna@helsinki.fi)

Select the link for an assignment to begin:

Assignment Name	Points	Type	Availability
Number sets and intervals	10.0	Homework/Quiz	Unlimited
Percentage calculations	8.0	Homework/Quiz	Unlimited
Proportionality	10.0	Homework/Quiz	Unlimited
Laws of Arithmetic and fractions	11.0	Homework/Quiz	Unlimited
Exponents	13.0	Homework/Quiz	Unlimited
Absolute value	8.0	Homework/Quiz	Unlimited
Absolute value equations	6.0	Homework/Quiz	Unlimited

Link to an assignment

Working an assignment

Click on the assignment to start working with it.

After entering to the assignment the first question is displayed:

WebALT Inc. **Arithmetic : Number sets and intervals**

[Back](#) [Next](#) [Question Menu](#) [Grade](#) [Help](#) [Quit & Save](#)

Welcome Maple T.A. Administrator
[\[My Profile \]](#)

Question 8 of 10
Remaining time: Unlimited

To go to the next question

Question 8: (1 point)

Which number belongs to which set? If a number belongs to several sets, choose the smallest of those sets.

N, the set of natural numbers Z, the set of integers R, the set of real numbers Q, the set of rational numbers

- $\frac{1000}{3}$
- $\sqrt{5}$
- 71
- 32

After answering to the question student can go to the next question in the assignment by clicking the “Next” link

Writing formulas as answers

Some questions allow a formula as an answer. There are two ways to enter a formula

- **Text Mode:** Formulas are entered in “calculator” syntax, e.g. $(x^2)/y$. The formula can be previewed by clicking on the “Preview” link.
- **Symbol Mode:** Formulas are entered using a formula editor

However, the entry mode changes only after reloading the question.

Question 1: (1 point)

Differentiate the polynomial $5s^6$ with respect to s .

30*s^5

This question accepts numbers or formulas.

[Plot](#) | [Help](#) | [Change Math Entry Mode](#) | [Preview](#)

Draw a graph
of the formula

Change formula
entry mode

Preview the
formula

Figure: Answering in Text Mode

Question 1: (1 point)

Differentiate the polynomial $5s^6$ with respect to s .

Equation Editor [Help](#)

$30 \cdot s^5$

$\frac{b}{a}$ $\sin(a)$ ∞ $\alpha \pi$

Press the right mouse button to see the symbol palette

This question accepts numbers or formulas.

[Plot](#) | [Help](#) | [Change Math Entry Mode](#)

Figure: Answering in Symbol Mode

Grading questions

In the last question of the assignment the “Next” link is not active any more

The screenshot shows the top navigation bar of the WebALT interface. The title is "WebALT Inc. Arithmetic : Number sets and intervals". On the right, it says "Welcome Maple T.A. Administrator" with a link to "[My Profile]". The navigation menu includes "Back", "Next", "Question Menu", "Grade", "Help", and "Quit & Save". The "Grade" link is highlighted with a blue callout box that says "To grade all the questions in assignment". Below the navigation bar, it indicates "Question 10 of 10" and "Remaining time: Unlimited". The main content area shows "Question 10: (1 point)" with the subtext "Questions about sets of numbers". There are three multiple-choice questions (a, b, c) with radio buttons for "True" and "False" options. Each question has a "Hint 1" link below it.

Now the whole assignment should be graded by pressing the “Grade” link to see the results page. *If some of the questions were not answered the system will warn but by pressing again the “Grade” link this can be bypassed.*

The screenshot shows the top navigation bar of the WebALT interface. The title is "WebALT Inc. Arithmetic : Number sets and intervals". On the right, it says "Welcome Maple T.A. Administrator" with a link to "[My Profile]". The navigation menu includes "View Details", "View Grade", "Help", and "Quit & Save". The "View Grade" link is highlighted with a blue callout box that says "To see results page of the assignment". Below the navigation bar, it says "Feedback: Grade Report". The main content area shows a "Thank you" message: "Your assignment is complete. You scored 0 out of 10 (0%)." A blue callout box on the right says "To quit the assignment".

Now the student can:

- Show a results sheet of the assignment with his/her answers and solutions
- Quit the assignment