

**Lesson 1 Quiz****Summary of Lesson 1.**

This lesson was an introductory lesson. We have studied the basic structure of LiveMath objects in particular comments and statements. You may not be an expert yet, but neither should you draw a complete blank on the following:

Palette, Comments, Statements, Repositioning icons and objects (drag/drop), Indenting objects and hiding them, Formatting text in comments, Creating expressions, Adding, Subtracting, Multiplying, Dividing, Fractions, Exponents, Roots, Activating statements (making them hot), Calculating, Simplifying whole and partial expressions, Algebra, Moving around an expression with arrow and tab keys, Substituting values into variables via active definitions or drag/drop.



Show off what you learned in this lesson.

Complete the Quiz below.



1) Give the following variables the indicated value.

$$k = 3$$

$$w = 0$$

$$n = -1$$

$$z = 5$$

$$\text{tree} = \frac{1}{2}$$

Use them to calculate the following expression.

$$3 + k^2 - \sqrt{\frac{z-1}{\text{tree}}} + \frac{n+1}{z} - \text{tree}^3 + 4(k-w)$$