

Standard Form

Standard form is used to represent either very large or very small numbers. Calculators normally have a function to use standard form. However, you must understand how it works on your calculator to use it. Standard form is given in the form: $a \times 10^N$

Where a is a number 1 upto, but not including 10, and N is any integer. Exam papers would normally include a question which includes standard form. It is important that these are answered correctly as above.

Examples:

$$40 = 4 \times 10^1 = 4 \times 10$$

$$500 = 5 \times 10^2$$

$$0.0005 = 5 \times 10^{-4}$$

$$1553.158 = 1.553158 \times 10^3$$

About the Author

Revision notes by Richard Tang

Source: <http://crampuppy.com>