

2014 GED® PROGRAM CALCULATOR REFERENCE GUIDE

Working with complex problems on the test is simple when you use this guide to understand what order to click the buttons in the on-screen calculator. The 2014 GED® test calculator is the TI-30XS.

BASIC ARITHMETIC

To perform basic arithmetic, enter numbers and operation symbols using the standard order of operations.

Example: $8 \times -4 + 7 =$



The correct answer = **-25**

SCIENTIFIC NOTATION

To perform calculations with scientific notation, use the $\times 10^x$ key.

Example: $7.8 \times 10^8 - 1.5 \times 10^8 =$



The correct answer = **630000000**

MIXED NUMBERS

To perform calculations with mixed numbers, use the $\frac{n}{d}$ key. As with fractions, the answer will automatically be formatted in reduced form.

Example: $12\frac{5}{6} - 1\frac{1}{2} =$



The correct answer = $\frac{34}{3}$

FRACTIONS

To perform calculations with fractions, use the $\frac{n}{d}$ key. The answer will automatically be formatted in reduced form.

Example: $\frac{2}{9} \times \frac{3}{7} =$



The correct answer = $\frac{2}{21}$

This calculator reference sheet is provided for most items on the 2014 GED® test — Mathematical Reasoning, as well as certain items on the Science and Social Studies tests.

PERCENTAGES

To calculate with percentages, enter the number, then



Example: $40\% \times 560 =$



The correct answer = **224**

POWERS AND ROOTS

To perform calculations with powers and roots, you will use the following keys:



Example: $1.2^2 =$



The correct answer = **1.44**

Example: $7^4 =$



The correct answer = **2401**

Example: $\sqrt{529} =$



The correct answer = **23**

Example: $\sqrt[3]{1728} =$



The correct answer = **12**

TOGGLE KEY

The answer toggle key \leftrightarrow can be used to toggle the display result between fraction and decimal answers, exact square root and decimal, and exact pi and decimal.

Example: $\frac{9}{10} =$



The correct answer = **0.9**

