






Online Calculator Reference Sheet for TASC Test

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| <p>Read First</p> | <p>Some functions of the TASC calculator are accessed by using the 2nd button. For example, the $\sqrt{\quad}$ button replaces the x^2 button when the 2nd button is selected. The 1st button returns the buttons to the original functions.</p> | |
| <p>Calculating with Decimals</p> | <p>To calculate with decimals, enter the whole number, then ., and then the fractional part.</p> <p>Example</p> $15.246 - 6.82 + 0.05 =$ <p>1 5 . 2 4 6 - 6 . 8 2 + 0 . 0 5 ENTER</p> | <p>Correct Answer</p> <p>8.476</p> |
| <p>Calculating with Fractions</p> | <p>To calculate with fractions, use the $\frac{\square}{\square}$ button. The calculator answer is given as a decimal.</p> <p>Example</p> $\frac{3}{4} + \frac{7}{8} =$ <p>3 $\frac{\square}{\square}$ 4 + 7 $\frac{\square}{\square}$ 8 ENTER</p> <p>Example</p> $\frac{2}{5} \div \frac{4}{9} =$ <p>2 $\frac{\square}{\square}$ 5 \div (4 $\frac{\square}{\square}$ 9) ENTER</p> | <p>Correct Answer</p> <p>1.625</p> <p>Correct Answer</p> <p>0.9</p> |
| <p>Calculating with Mixed Numbers</p> | <p>To calculate with mixed numbers, use the (),), +, and $\frac{\square}{\square}$ buttons.</p> <p>Example</p> $10\frac{9}{25} \div 5\frac{3}{5} =$ <p>(1 0 + 9 $\frac{\square}{\square}$ 2 5) \div (5 + 3 $\frac{\square}{\square}$ 5) ENTER</p> | <p>Correct Answer</p> <p>1.85</p> |
| <p>Calculating Using the Order of Operations</p> | <p>The TASC calculator automatically evaluates numerical expressions using the Order of Operations based on how the expression is entered.</p> <p>Example</p> $21 \div 3 \times 2 - 6 =$ <p>2 1 \div 3 \times 2 - 6 ENTER</p> <p>Note: The 3 is not multiplied by the 2 before division occurs.</p> | <p>Correct Answer</p> <p>8</p> |
| <p>Calculating with Percents</p> | <p>To calculate with percentages, enter the percent number, and then $\frac{\square}{100}$.</p> <p>Example</p> $68\% \times 375 =$ <p>6 8 $\frac{\square}{100}$ \times 3 7 5 ENTER</p> | <p>Correct Answer</p> <p>255</p> |

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| <p>Calculating with Powers and Roots</p> | <p>To calculate with powers and roots, use the x^2 and $^{\wedge}$ buttons for powers and the $\sqrt{}$ and $^{\times}\sqrt{}$ buttons for roots. $\sqrt{}$ and $^{\times}\sqrt{}$ are found by selecting the 2nd button. They will replace the x^2 and $^{\wedge}$ buttons, respectively. The 1st button will return these buttons to their original function.</p> <p>Example $17^2 =$ </p> <p>Example $3^5 =$ </p> <p>Example $\sqrt{961} =$ </p> <p>Example $\sqrt[4]{4096} =$ </p> <p>You can also use the $^{\wedge}$ and $^{\times}\sqrt{}$ buttons to compute squares and square roots.</p> | <p>Correct Answer 289</p> <p>Correct Answer 243</p> <p>Correct Answer 31</p> <p>Correct Answer 8</p> |
| <p>Calculating with Scientific Notation</p> | <p>To calculate in scientific notation, use the 10^x button.</p> <p>Example $\frac{3.6 \times 10^{14}}{2.4 \times 10^3} =$ </p> <p>Note: The answer displays on the TASC calculator as 1.5e+11.</p> | <p>Correct Answer 1.5×10^{11}</p> |