

STUDENT TUTORIALS

For successful completion of water quality courses as well as success as a water industry worker, a certain level of math skill must be attained. The following tutorials incorporate math concepts specifically as they relate to water quality. Water Quality instructors may assign various tutorials to you, or you may use these tutorials on your own.

Converting Water Quality Expressions to Fractionsa

<https://www.softchalkcloud.com/lesson/serve/JsGvM5aphrFNWZ/html>

Water Quality Expressions That Contain Squares

<https://www.softchalkcloud.com/lesson/serve/z20iHtCASuL1E3/html>

Decimals

<https://www.softchalkcloud.com/lesson/serve/Ztf5zO4SwXPR8m/html>

The Metric System

<https://www.softchalkcloud.com/lesson/serve/pGZm65rnc0VQ2W/html>

Significant Figures

<https://www.softchalkcloud.com/lesson/serve/NJlp3EiuCP8V0r/html>

Rounding Rules

<https://www.softchalkcloud.com/lesson/serve/PM02cVz4tY1XkD/html>

Exponents

<https://www.softchalkcloud.com/lesson/serve/2WEt4uKVQGlv05/html>

Distribution of Exponents

<https://www.softchalkcloud.com/lesson/serve/MiaJ9ouvbmPVCr/html>

Multiplication of Expressions

<https://www.softchalkcloud.com/lesson/serve/B6e9Tmt7wRn0xk/html>

The Quotient Rule

<https://www.softchalkcloud.com/lesson/serve/Pkq679rNiZAEXy/html>

Areas and Volumes

<https://www.softchalkcloud.com/lesson/serve/OmN17wVWSCpHRr/html>

Converting Fahrenheit to Celsius/Celsius to Fahrenheit

<https://www.softchalkcloud.com/lesson/serve/CbSBfatj0quyIP/html>

Division of Water Quality Expressions

<https://www.softchalkcloud.com/lesson/serve/XYcr0pGo6Sm7ZO/html>

Multiplication and Division of Expressions

<http://https://www.softchalkcloud.com/lesson/serve/oAcyLbtV3MGupq/html>

Multiplication of More Complex Water Quality Expressions

<https://www.softchalkcloud.com/lesson/serve/yHQsizKJ4BI9GT/html>

Unit Fractions

<https://www.softchalkcloud.com/lesson/serve/lhHA34ziBxn1Na/html>

Cross-System Conversion Factors

<https://www.softchalkcloud.com/lesson/serve/hi8wEF7runlfPO/html>

Basic and Complex Unit Conversions

<https://www.softchalkcloud.com/lesson/serve/0inufJTGmDht8F/html>

More Complex Unit Conversions

<https://www.softchalkcloud.com/lesson/serve/GTbwunFcRP9DHz/html>

Solving Basic Equations

<https://www.softchalkcloud.com/lesson/serve/1ZpSP073H4BnEO/html>

Solving Pressure Equations

<https://www.softchalkcloud.com/lesson/serve/3yakMKH5pLi4Dv/html>

pH Calculations

<https://www.softchalkcloud.com/lesson/serve/W6UQsLubwPEiol/html>

