

# 8<sup>th</sup> Grade Math Vocabulary

## Number Sense

consecutive  
estimate  
exponents  
integer  
inverse  
irrational numbers  
natural numbers  
non-perfect square  
order of operations  
percent  
perfect square  
proportion  
quotient  
radical  
ratio  
rational numbers  
real number  
scientific notation  
simplify  
square root  
subset  
whole numbers

## Geometry

base  
characteristic  
conjecture  
coordinate  
coordinate plane  
dilation  
intersect  
net  
parallel  
part-to-part  
part-to-whole  
proportion  
reflection  
rotation  
symmetry  
translation  
transversal  
vertices

## Measurement

area  
base area  
Celsius  
circumference  
cone  
convert  
convex  
customary unit  
cylinder  
density  
diameter  
distance  
exterior angle  
Fahrenheit  
gallon  
height  
indirect  
interior angle  
kilogram  
kilometer  
liter  
metric unit  
mile  
parallelogram  
perimeter  
polygon  
pound  
precision  
prism  
proportional relationship  
protractor  
pyramid  
radius  
sphere  
surface area  
trapezoid  
velocity  
volume

## Algebra

linear  
2 by 2 system  
coefficient  
continuous  
covariant  
direct variation  
distance  
intercept  
inverse variation  
midpoint  
monomials  
non-continuous  
non-linear  
polynomials  
quadratic equation  
slope  
variable

## Data Analysis

axes  
box and whisker plot  
circle graph  
continuous data  
convenience sample  
discrete data  
disjoint  
distribution  
double line graph  
independent  
interquartile range  
line graph  
mean  
median  
mode  
percentile  
probability  
quartiles  
random sample  
range  
representative sample  
scale  
scatterplot  
spread  
survey response  
target population  
validity