

VOCABULARY WORDS FOR THE 2007 MATH BENCHMARKS

GRADE 3 VOCABULARY

- digits □ value □ equal □ fewer □ more □ less
- estimate □ round □ least □ greatest □ compare □ order
- add □ subtract □ sum □ difference □ multiply
- divide □ product □ fraction □ equal □ least □ greatest
- rules □ number sentence □ equation □ parallel □ perpendicular
- sides □ angles □ vertices □ AM □ PM □ thermometer
- temperature □ degrees □ increase □ decrease □ pictograph
- tally chart □ bar graph □ line plot

GRADE 4 VOCABULARY

- multiply □ divide □ product □ quotient □ factor □ operation
- strategy □ divisor □ dividend □ mixed numbers □ locate □ order
- round equivalent □ represent □ numerator □ denominator
- improper fraction □ rule □ input □ output □ variable
- number sentence □ equation □ represent □ value □ side
- angle □ vertex □ perpendicular □ parallel □ length □ width
- area □ translation □ reflection □ rotation □ symmetry
- congruent □ vertical □ horizontal □ clockwise □ counterclockwise
- table □ bar graph □ timeline □ Venn diagram □ survey

GRADE 5 VOCABULARY

- quotient □ dividend □ divisor □ remainder □ sum
- difference □ product □ place value □ difference
- improper fraction □ mixed number □ rule □ input □ output
- ordered pair □ graph □ equivalent □ expressions □ equation
- inequality □ variable □ cube □ prism □ pyramid □ cone
- cylinder □ edge □ face □ base □ vertex □ congruent
- three-dimensional □ net □ formula □ area □ surface
- area □ volume □ height □ mean □ median □ range
- data □ minimum □ maximum □ double-bar graph □ line graph

VOCABULARY WORDS FOR THE 2007 MATH BENCHMARKS

GRADE 6 VOCABULARY

- plot □ integer □ x-axis □ y-axis □ horizontal axis
- vertical axis □ rational number □ ordered pair □ coordinate grid
- greater than □ less than □ percent □ ratio □ equivalent □ factor
- prime factor □ exponent □ power □ base □ greatest common factor
- least common multiple □ expression □ mixed number □ improper fraction □ compare □ unit rate □ reciprocal □ percent □ evaluate
- translate □ function □ coordinate grid □ ordered pair □ order of operations □ simplify □ inequality □ solve □ kite
- intersecting □ verticle □ adjacent □ complementary
- supplementary □ interior □ exterior □ hypotenuse □ leg
- diagonal □ customary □ metric □ capacity □ probability
- outcome □ event □ tree diagram □ random □ \sample space
- combinations □ likely □ unlikely □ certain □ impossible
- random □ sample space □ theoretical □ frequency
- experimental □ predict

GRADE 7 VOCABULARY

- rational number □ integer □ fraction □ decimals □ terminating
- repeating □ opposite □ plot □ origin □ exponent □ inverse
- simple interest □ compound interest □ proportion □ absolute value □ proportional □ inversely □ origin □ slope □ inequality
- simplify □ evaluate □ substitute □ vocabulary in all previous grades involving variables, positive and negative rational numbers, and proportions. □ ratio □ histogram □ relative frequency
- radius □ diameter □ circumference □ cylinder □ similar
- corresponding □ scale factor □ image □ conversion
- transformation □ stem and leaf plot □ circle graph □ histogram
- frequency table

VOCABULARY WORDS FOR THE 2007 BENCHMARKS

GRADE 8 VOCABULARY

- irrational number □ real number □ square root □ radical
- consecutive □ scientific notation □ significant digits □ standard form
- independent □ dependent □ function □ constant
- coefficient □ linear □ non-linear □ arithmetic sequence
- geometric sequence □ linear function □ non-linear function
- exponential □ linear function □ intercept □ coefficient
- nth term □ arithmetic sequence □ geometric sequence □ All vocabulary used in previous grades.
- commutative □ associative □ distributive □ property
- order of operations □ slope-intercept form □ point-slope form
- standard form □ system of equations □ undefined □ identical
- intersecting □ infinite □ square root □ Pythagorean Theorem
- scatterplot □ line of best fit