# Mathematics

The following table identifies the mathematics usage assessment vocabulary at each RIT score range:

**Table 3: Mathematics Vocabulary**

| RIT SCORE RANGE | MATHEMATICS VOCABULARY | | |
|---|---|---|---|
| 151–160 | · estimate<br>· half<br>· inch | · length<br>· most<br>· same | · shape<br>· size<br>· tallest |
| 161–170 | · add<br>· addend<br>· centimeter<br>· circle<br>· cone<br>· corner<br>· cylinder<br>· equal | · feet<br>· flat<br>· largest<br>· longest<br>· more number<br>· number line<br>· number sentence<br>· pattern | · penny<br>· pyramid<br>· rectangle<br>· shortest<br>· sphere<br>· square<br>· tall<br>· triangle |
| 171–180 | · between<br>· cent<br>· count<br>· cube<br>· diamond<br>· dime<br>· divide<br>· dollar<br>· even number<br>· fact family<br>· factor<br>· fewest<br>· figure<br>· gram<br>· graph<br>· greater<br>· greater than | · hour<br>· hundred<br>· hundreds<br>· less than<br>· line segment<br>· metric<br>· minute<br>· model<br>· most likely<br>· multiply<br>· numeral<br>· one<br>· ones<br>· ounce<br>· outside<br>· perimeter | · pound<br>· quart<br>· represent<br>· similar<br>· square unit<br>· subtract<br>· sum<br>· table<br>· temperature<br>· ten<br>· tens<br>· thermometer<br>· thousand<br>· time<br>· total<br>· whole number |

| RIT SCORE RANGE | MATHEMATICS VOCABULARY | | |
|---|---|---|---|
| 181-190 | · addition<br>· after<br>· angle<br>· area<br>· average<br>· before<br>· Celsius<br>· chance<br>· chart<br>· clock<br>· clockwise<br>· closest<br>· congruent<br>· cost<br>· counting order<br>· cup<br>· day<br>· degree<br>· distance<br>· divisible<br>· dozen<br>· equation<br>· estimation<br>· flip<br>· foot<br>· fourths | · fraction<br>· gallon<br>· geometric figure<br>· half past<br>· height<br>· kilometer<br>· large<br>· least<br>· less<br>· line<br>· line of symmetry<br>· liter<br>· lowest<br>· measure<br>· meter<br>· mile<br>· more than<br>· morning<br>· most often<br>· multiplication<br>· nickel<br>· noon<br>· o'clock<br>· odd number<br>· order<br>· pint | · point<br>· quarter<br>· rate<br>· rotation<br>· round<br>· row<br>· second<br>· sentence<br>· set<br>· seventh<br>· side<br>· slide<br>· smallest<br>· solve<br>· symmetry<br>· tablespoon<br>· taller<br>· teaspoon<br>· ten thousand<br>· tenth<br>· thirds<br>· turn<br>· unit<br>· width<br>· yard<br>· year |

| RIT SCORE RANGE | MATHEMATICS VOCABULARY | | |
|---|---|---|---|
| 191–200 | · approximate<br>· coins<br>· composite number<br>· consecutive<br>· decade<br>· deposit<br>· diagonal<br>· diagram<br>· difference<br>· digit<br>· division<br>· dollar sign<br>· face<br>· fact<br>· Fahrenheit<br>· fewer<br>· first<br>· fourth<br>· greatest<br>· hundredth<br>· intersect<br>· kilogram | · latest<br>· line graph<br>· measurement<br>· miles per hour<br>· milliliter<br>· million<br>· nearest<br>· number statement<br>· operation<br>· parallel<br>· parallelogram<br>· percent<br>· perpendicular<br>· polygon<br>· prime number<br>· product<br>· quarter past<br>· quarter to<br>· ray<br>· rectangular prism<br>· rectangular solid | · right angle<br>· rise<br>· rod<br>· same shape<br>· scale<br>· sign<br>· spinner<br>· square inch<br>· subtraction<br>· subtrahend<br>· surface<br>· symbol<br>· thousands<br>· thousandth<br>· ton<br>· unifix cubes<br>· value<br>· vertical line<br>· weight<br>· what time<br>· zero |

| RIT SCORE RANGE | MATHEMATICS VOCABULARY | | |
|---|---|---|---|
| 201–210 | · about how much<br>· acute angle<br>· altitude<br>· bar graph<br>· base<br>· below<br>· biggest<br>· billion<br>· capacity<br>· change<br>· circumference<br>· compatible numbers<br>· coordinate point<br>· cubic unit<br>· data<br>· decameter<br>· decimeter<br>· decrease<br>· double<br>· east<br>· equivalent<br>· expanded numeral<br>· fold<br>· greatest common factor<br>· grid<br>· how many more<br>· hundred million<br>· hundred thousand<br>· hundredths | · inside<br>· inverse operation<br>· kite<br>· larger<br>· less likely<br>· lowest common denominator<br>· magic square<br>· mass<br>· mathematical statement<br>· maximum<br>· miles per gallon<br>· milligram<br>· millimeter<br>· Minimum<br>· mirror image<br>· mixed number<br>· multiple<br>· negative<br>· north<br>· number cube<br>· obtuse angle<br>· octagon<br>· ordered pair<br>· origin<br>· oval<br>· pentagon<br>· plane<br>· positive<br>· probability | · proportion<br>· quadrilateral<br>· random<br>· rectangular<br>· rectangular box<br>· regroup<br>· regular polygon<br>· rename<br>· rhombus<br>· rule<br>· ruler<br>· sequence<br>· skew<br>· speed<br>· square number<br>· standard numeral<br>· statement<br>· straight<br>· symmetrical<br>· ten thousands<br>· times<br>· trapezoid<br>· triple<br>· twist<br>· volume<br>· week<br>· when<br>· wide |

| RIT SCORE RANGE | MATHEMATICS VOCABULARY | | |
|---|---|---|---|
| 211–220 | · above<br>· century<br>· circle graph<br>· column<br>· combinations<br>· common multiple<br>· commutative<br>· compare<br>· congruent angle<br>· cord<br>· date<br>· decimal<br>· decimal form<br>· decimal point<br>· diameter<br>· dice<br>· dilation<br>· evaluate<br>· factor tree<br>· fitted line<br>· formula<br>· function<br>· geometric solid<br>· heads<br>· hectometer | · high<br>· how many<br>· hundred thousands<br>· increase<br>· integer<br>· least common denominator<br>· likelihood<br>· line of best fit<br>· line plot<br>· lowest terms<br>· mean<br>· micrometer<br>· mileage table<br>· month<br>· odd<br>· parallel line<br>· perpendicular line<br>· place value<br>· plus<br>· proof<br>· property<br>· protractor<br>· prove<br>· quintillion | · radius<br>· ratio<br>· reduce<br>· reflection<br>· region<br>· remainder<br>· Roman numeral<br>· simplify<br>· smaller<br>· south<br>· square centimeter<br>· square feet<br>· square mile<br>· straight angle<br>· systematic list<br>· tails<br>· three-dimensional<br>· transformation<br>· translation<br>· triangular prism<br>· trillion<br>· union<br>· vertex<br>· vertical angle<br>· west |

| RIT SCORE RANGE | MATHEMATICS VOCABULARY | | |
|---|---|---|---|
| 221–230 | · 5-frame<br>· absolute value<br>· algebra<br>· algebraic equation<br>· annual<br>· associative<br>· bill<br>· box-and-whisker plot<br>· center<br>· coin<br>· common denominator<br>· common factor<br>· compute<br>· constant<br>· coordinate<br>· cubic centimeter<br>· cubic feet<br>· cubic meter<br>· cubic millimeter<br>· cubic yard<br>· dimension<br>· distributive<br>· edge | · enlargement<br>· equilateral<br>· experimental probability<br>· expression<br>· fastest<br>· frequency table<br>· heaviest<br>· inequality<br>· interest<br>· isosceles triangle<br>· lightest<br>· longer mathematical sentence<br>· median<br>· middle<br>· midpoint<br>· mode<br>· net<br>· ninth<br>· obtuse triangle<br>· outcome<br>· partial product<br>· pi | · positive linear relationship<br>· predict<br>· prime factorization<br>· quadrant<br>· real number<br>· rectangular shape<br>· reflexive<br>· scalene triangle<br>· scatter plot<br>· shorter<br>· square meter<br>· standard form<br>· stem and leaf plot<br>· substitution<br>· survey<br>· ten million<br>· ten thousandth<br>· theoretical probability<br>· thousandths<br>· transitive<br>· twice |
| 231–240 | · acute triangle<br>· algebraic sentence<br>· arc<br>· arithmetic progression<br>· borrow<br>· chord<br>· congruent side<br>· convert<br>· corresponding angle<br>· corresponding side<br>· cross-section area<br>· cubed<br>· cubic inch<br>· data point<br>· discount<br>· ellipse<br>· equality<br>· expanded notation<br>· exponent<br>· frequency<br>· half hour<br>· horizontal | · how long<br>· how much time<br>· incline<br>· interior angle<br>· interval<br>· kilowatt<br>· long<br>· lower quartile<br>· magnitude<br>· matrix<br>· meters per minute<br>· minus<br>· opposite<br>· outlier<br>· parabola<br>· percentile<br>· power<br>· quadrupled<br>· range<br>· right triangle<br>· sample | · scale factor<br>· scale model<br>· scientific notation<br>· secant<br>· short<br>· slope<br>· solution<br>· square pyramid<br>· square region<br>· successive<br>· system of equations<br>· tangent<br>· tax<br>· tenth power<br>· tenths<br>· term<br>· tessellation<br>· tripled<br>· upper quartile<br>· vector<br>· vertical |

| RIT SCORE RANGE | MATHEMATICS VOCABULARY | | |
|---|---|---|---|
| 241–250 | · adjacent angle<br>· algebra tile<br>· alternate exterior angle<br>· alternate interior angle<br>· angle bisector<br>· average salary<br>· commission<br>· complementary angle<br>· conclusion<br>· congruent triangle<br>· construction<br>· converse<br>· correlation<br>· domain<br>· equation of a line | · equiangular triangle<br>· equilateral triangle<br>· function table<br>· hyperbolic<br>· hypotenuse<br>· infinite<br>· interquartile range<br>· least common multiple<br>· leg<br>· linear foot<br>· linear graph<br>· linear pair<br>· number sequence<br>· point of intersection<br>· precise<br>· prime factor<br>· Pythagorean theorem | · rectangular area<br>· regression equation<br>· semicircle<br>· series<br>· square yard<br>· squared<br>· sum of measures<br>· supplementary<br>· surface area<br>· symmetric<br>· times table<br>· valid<br>· velocity<br>· whole<br>· wider<br>· x-axis<br>· y-axis |
| 251–260 | · central angle<br>· coordinate plane<br>· exterior angle<br>· feet per second<br>· heptagon<br>· hexagon<br>· how much<br>· inscribe<br>· polynomial | · quartile<br>· regular hexagon<br>· representative sample<br>· right cylinder<br>· right pyramid<br>· slant height<br>· slope-intercept form<br>· solution set<br>· square kilometer | · supplementary angle<br>· time-and-a-half<br>· transversal<br>· undefined<br>· variable<br>· x-coordinate<br>· y-coordinate<br>· y-intercept |
| 261–270 | · adjacent side<br>· axis<br>· circular<br>· collinear<br>· cosecant<br>· cosine<br>· counterexample | · depreciate<br>· empty set<br>· geometric series<br>· line symmetry<br>· opposite side<br>· point symmetry<br>· regular pentagon | · rotational symmetry<br>· semi-annual<br>· sine<br>· trigonometric function<br>· trigonometric relationship<br>· x-intercept |
| 271–280 | · axis of symmetry<br>· bisector | · perpendicular bisector | · decagon |
| 281–290 | · exponential<br>· identity | · inverse<br>· log | · reciprocal |