

Math ISAT: Number Sense

Skills: Number Theory Concepts

Students:	RIT Above 271: <ul style="list-style-type: none"> Identifies the least common multiple of numbers in their prime factored state
Students:	RIT 261-270: <ul style="list-style-type: none"> <i>No Skills Listed</i>
Students:	RIT 251-260: <ul style="list-style-type: none"> Uses factor and multiple concepts to solve difficult problems Uses prime and relatively prime concepts to solve problems Solves problems using multiple number theory concepts (e.g., prime, GCF and LCM, multiples, factors)
Students:	RIT 241-250: <ul style="list-style-type: none"> Determines the prime factorization of a number using powers Identifies the least common multiple of whole numbers Identifies the greatest common factor and least common multiple of multiple whole numbers Uses factor and multiple concepts to solve difficult problems
Students:	RIT 231-240: <ul style="list-style-type: none"> Determines the prime factorization of a number Applies rules of divisibility by 3's Applies rules of divisibility
Students:	RIT 221-230: <ul style="list-style-type: none"> Recognizes characteristics of odd and even numbers Determines factors of whole numbers Completes a factor tree for a number (prime factorization) Determines common denominators of fractions Identifies common factors of two or more numbers Identifies the greatest common factor of whole numbers Uses factor and multiple concepts to solve simple problems Uses divisibility concepts to solve problems Uses multiple number theory concepts to solve problems (e.g., factors, digits, odd/even, divisibility)
Students:	RIT 211-220: <ul style="list-style-type: none"> Identifies numbers as prime Recognizes characteristics of odd and even numbers Determines factors of whole numbers Completes a factor tree for a number (prime factorization) Determines multiples of a whole number Determines common multiples of whole numbers Applies rules of divisibility by 5's Identifies common factors of two or more numbers Identifies the greatest common factor of whole numbers
Students:	RIT 201-210: <ul style="list-style-type: none"> Determines multiples of a whole number Determines common multiples of whole numbers Applies rules of divisibility by 5's Applies rules of divisibility by 2's
Students:	RIT 191-200: <ul style="list-style-type: none"> Identifies numbers as composite Distinguishes between odd and even numbers Counts and converts to dozens with models Converts to dozens without models
Students:	RIT 181-190: <ul style="list-style-type: none"> Determines whether a set of objects has an odd or even number of elements Distinguishes between odd and even numbers Counts and converts to dozens with models Converts to dozens without models
Students:	RIT 171-180: <ul style="list-style-type: none"> <i>No Skills Listed</i>
Students:	RIT Below 170: <ul style="list-style-type: none"> <i>No Skills Listed</i>