

5.2: Number & Operations: Place Value**5.2A(S)**

Skill Code	Description
55003	Identify place values of specific digit, decimals
55104	Determine numerical value of specific digit
55010	Given number in word form, determine standard notation
55012	Convert between standard & expanded notations, up to three decimal places
55014	Convert between standard & expanded notations, up to three decimal places, real-world context
55021	Convert between word, standard, & expanded notations, including real-world context

5.2B(R)

Skill Code	Description
58051	Given decimals, identify locations on number line
55105	Compare numbers, up to four-digit whole numbers or three-digit decimals
55023	Compare decimals up to three decimal places
55017	Compare decimals written in word form, up to three decimal places
55019	Order decimals up to three decimal places, including real-world context
58052	Order decimals from table of place values, real-world context
55022	Compare or order decimals, up to three decimal places, including real-world context

5.2C(S)

Skill Code	Description
53018	Round decimal numbers to nearest tenth & hundredth, real-world context
43016	Round decimal numbers to nearest tenth & hundredth, including real-world context

5.3: Number & Operations: Positive**5.3A(S)**

Skill Code	Description
43010	Round whole numbers using front-end rounding
43060	Round decimal numbers to nearest whole, tenth & hundredth
43061	Round decimal numbers to nearest tenth & hundredth, including real-world context
43024	Round decimal numbers to nearest tenth, hundredth, & thousandth, real-world context

43014	Estimate solutions involving all operations, real-world context
5.3B(S)	
Skill Code	Description
30011	Multiply whole numbers, three-digit & one-digit
30012	Multiply whole numbers, three-digit & two-digit
30015	Multiply whole numbers, three-digit & two-digit, including addition or subtraction step, real-world context
5.3C(S)	
Skill Code	Description
24010	Determine quotient & remainder, three-digit dividend, one-digit divisor
24011	Determine quotient & remainder, three-digit dividend, two-digit divisor
24020	Determine quotient & remainder, three-digit dividend, up to two-digit divisor
24012	Determine quotient & remainder, four-digit dividend, one-digit divisor
24013	Determine quotient & remainder, four-digit dividend, two-digit divisor
280005	Determine quotient, up to four-digit divide, up to two-digit divisor, real-world context
24021	Determine quotient & remainder, four-digit dividend, up to two-digit divisor
280001	Solve problems involving division of positive integers, real-world context
5.3D(S)	
Skill Code	Description
32011	Determine equivalence between base-10 models & multiplication equations
32010	Determine equivalence between area models & multiplication equations
32012	Determine equivalence between number line models & multiplication equations
32014	Determine equivalence between models & multiplication equations
5.3E(R)	
Skill Code	Description
32008	Multiply decimals, products limited to two decimal places
32009	Multiply decimals, products limited to two decimal places, real-world context

5.3F(S)	
Skill Code	Description
22007	Identify base-10 model that represents quotient of decimal division
22009	Determine equivalence between base-10 model & components of decimal division
22011	Determine equivalence between base-10 model & components of decimal division, quotient limited to tenths
22008	Given model representing decimal division, interpret model & determine quotient, including money
22050	Given area model representing decimal division, interpret model & determine quotient, including real-world context
22051	Given number line model representing decimal division, interpret model & determine quotient including real-world context
22010	Given model representing decimal division, interpret model & determine quotient, including real-world context
5.3G(R)	
Skill Code	Description
22020	Divide four-digit dividends by two-digit whole number divisors
22021	Divide four-digit dividends by two-digit whole number divisors, including real-world context
24009	Determine quotient & remainder, two-digit dividend, two-digit divisor
24019	Determine quotient & remainder, two-digit dividend, up to two-digit divisor
24021	Determine quotient & remainder, four-digit dividend, up to two-digit divisor
5.3H(S)	
Skill Code	Description
204029	Add & subtract fractions, area models
204027	Add & subtract fractions, fraction strips
204028	Add & subtract fractions, number lines
204030	Add & subtract fractions, various models
204032	Given model, determine or interpret addition & subtraction of fractions
5.3I(S)	
Skill Code	Description
205021	Identify model representation of multiplication of fraction & whole number

205022	Multiply whole numbers & fractions, area models
205023	Identify models or multiply whole numbers & fractions using area models
5.3J(S)	
Skill Code	Description
205026	Divide whole numbers & unit fractions, area models
205025	Divide whole numbers & unit fractions, fraction strips
205024	Divide whole numbers & unit fractions, number line
1701001	Divide whole numbers by unit fractions, models
205027	Divide whole numbers & fractions, various models
5.3K(R)	
Skill Code	Description
204006	Add fractions, different denominators, including mixed number sums
204005	Subtract fractions, one denominator multiple of other, proper fraction difference
77033	Add or subtract whole numbers, fractions, or decimals, real-world context
710001	Add & subtract decimals, up to three decimal places, real-world context
710002	Add & subtract decimals, fractions real-world context
710003	Add & subtract rational numbers, real-world context
5.3L(R)	
Skill Code	Description
205013	Divide whole numbers by unit fractions
205040	Divide whole numbers & unit fractions
205014	Divide whole numbers & unit fractions, including unit fraction multiplication, real-world context
5.4: Algebraic Reasoning: Expressions & Equations	
5.4A(S)	
Skill Code	Description
105001	Identify prime & composite numbers
105002	Identify prime & composite numbers, real-world context
5.4B(R)	
Skill Code	Description
77050	Determine one-step linear equations, real-world context
77051	Determine & solve one-step linear equations, real-world context
77136	Solve two-step equation with isolated variable, real-world context

77550	Determine & solve two-step linear equations with isolated variable, real-world context
77034	Identify multi-step equations, real-world context
5.4C(R)	
Skill Code	Description
720501	Given graph of linear points, identify table
720503	Given graph of linear points, identify table, real-world context
720504	Given linear equation, identify table, including decimals
720505	Given linear equation, identify table, real-world context
720502	Given linear equation, identify table, including decimals & fractions, real-world context
720001	Identify equivalent linear equations, tables, & graphs, including real-world context
5.4D(S)	
Skill Code	Description
720002	Given graph or table, identify additive or multiplicative pattern
5.4E(S)	
Skill Code	Description
720002	Given graph or table, identify additive or multiplicative pattern
5.4F(R)	
Skill Code	Description
48021	Evaluate numerical expressions, including rationals & up to two sets of grouping symbols
48022	Evaluate numerical expressions, up to two sets of grouping symbols, real-world context
47121	Evaluate numerical expressions, multiple grouping symbols
5.4G(N)	
Skill Code	Description
1152104	Interpret volume of rectangular prisms, various representations
5.4H(R)	
Skill Code	Description
1040202	Determine perimeter of rectangles, including decimal dimensions
1040201	Given model, identify formula & determine perimeter of rectangles, including decimal dimensions
1040204	Determine perimeter of rectangles, including decimal dimensions, real-world context

1040203	Given perimeter of rectangle & one side, determine dimension, including decimals
1040126	Given model, identify formula & determine area of rectangles
1062998	Given length & width of rectangle, determine area
1062999	Given area of rectangle & one dimension, determine other dimension
1042514	Determine volume of cubes, whole numbers or decimals
1042511	Determine volume of cubes, whole numbers or decimals, real-world context
1042023	Determine volume of rectangular prisms, whole numbers or decimals
1042515	Given volume, determine edge of rectangle prisms, up to four-digit dividend, up to two-digit divisor
1042513	Determine volume or edge of rectangular prisms, whole numbers or decimals, real-world context
5.5: Geometry & Measurement: Two-Dimensional Figures	
5.5A(R)	
Skill Code	Description
1043001	Classify polygons using graphic organizers, including types of triangles
5.6: Geometry & Measurement: Volume	
5.6A(R)	
Skill Code	Description
1042021	Determine volume or edge of rectangular prisms using unit cubes
1042025	Determine volume of rectangular 3D figures using unit cubes
1042024	Determine volume of rectangular prisms using unit cubes
5.6B(S)	
Skill Code	Description
1042509	Determine volume of rectangular prisms, whole numbers, volume less than 10,000
1042032	Determine volume of rectangular prisms, whole numbers or decimals
1042020	Determine volume of rectangular prisms using repeated layers of base area, real-world context
5.7: Geometry & Measurement: Measurement	
5.7A(S)	
Skill Code	Description
1440027	Convert between customary units, real-world context
1440017	Convert between customary units to find sums or differences, including real-world context

1440028	Given conversion chart, convert between metric units, real-world context
1440019	Convert customary & metric units, real-world context
1440026	Convert between metric units, including real-world context
5.8: Geometry & Measurement: Coordinate Plane	
5.8A(S)	
Skill Code	Description
700008	Identify locations or parts of coordinate plane using first quadrant points
5.8B(S)	
Skill Code	Description
700009	Identify description of process to plot first quadrant points.
5.8C(R)	
Skill Code	Description
700007	Determine or identify first quadrant points, including cardinal directions, real-world context
700001	Plot first quadrant points
700004	Plot first quadrant rational points
700092	Plot first quadrant points, various scales
700002	Determine coordinates of first quadrant points
700005	Determine coordinates of first quadrant rational points
700093	Determine coordinates of first quadrant point, various scales
700003	Plot or determine coordinates of first quadrant points
5.9: Data Analysis: Data	
5.9A(S)	
Skill Code	Description
1413002	Given table, determine equivalent bar graph
1413006	Given table, determine equivalent bar graph, including double bar graphs
730300	Given data, identify frequency table or determine missing element of table
730516	Given data, identify stem & leaf plot
730522	Given data, identify dot plot
1413014	Given bar graph, determine equivalent table or pictograph
5.9B(S)	
Skill Code	Description
730007	Identify equivalent representations of data in tables & scatter plots
5.9C(R)	
Skill Code	Description
730204	Solve one-step problems from dot plots, real-world context

730200	Solve one-step problems from stem & leaf plots, real-world context
730001	Solve one-step problems from bar graphs, real-world context
730202	Solve one-step problems from scatter plots, real-world context
730512	Solve multi-step problems from dot plots, real-world context
730510	Solve multi-step problems from bar graphs, real-world context
730500	Solve multi-step problems from frequency tables, real-world context
730304	Solve multi-step problems from stem & leaf plots, no measures of central tendency, real-world context
5.10: Personal Financial Literacy	
5.10A(S)	
Skill Code	Description
780001	Identify various types of taxes
5.10B(S)	
Skill Code	Description
780002	Identify & determine gross & net income
5.10C(N)	
Skill Code	Description
780107	Identify advantages & disadvantages of various payment methods
5.10D(N)	
Skill Code	Description
780108	Balance & determine components of transaction register
5.10E(S)	
Skill Code	Description
780003	Identify actions to balance budget
5.10F(S)	
Skill Code	Description
780004	Determine amounts to balance budget