

3.2: Number & Operations: Place Value**3.2A(R)**

Skill Code	Description
55109	Given place-value model, identify number
55106	Convert numbers to word form, up to 100,000
55013	Determine equivalent representations of standard & expanded notation, whole numbers up to 100,000
55015	Convert between standard & expanded notations, whole numbers, real-world context
55108	Convert between standard & expanded notations, whole numbers
55107	Given whole number in word form, determine standard notation, up to 100,000

3.2B(S)

Skill Code	Description
55111	Identify equivalent base-10 models
55112	Identify equivalent numerical & place-value representations
55110	Identify place value of specific digit, up to six digits

3.2C(S)

Skill Code	Description
58111	Plot whole numbers on number lines, base-10 increments
58112	Identify & interpret whole numbers on number lines, base-10, real world content

3.2D(R)

Skill Code	Description
55113	Compare whole numbers up to 100,000
55115	Order whole numbers up to 100,000
55114	Compare & order whole numbers up to 100,000, real-world context

3.3: Number & Operations: Fractional Units**3.3A(S)**

Skill Code	Description
203003	Given various models, determine fraction, denominators 2, 3, 4, 6, 8

3.3B(S)

Skill Code	Description
203003	Identify fractions on number line, unreduced, denominators 2, 3, 4, 6, 8

3.3C(S)

Skill Code	Description
203107	Given unit fraction model, determine parts in whole

3.3D(S)

Skill Code	Description
203109	Compose unit fractions into sum, denominators 2, 3, 4, 6, 8
203108	Decompose fractions into sum of fractions, visual models, denominators 2, 3, 4, 6, 8
203122	Condensed: Represent fractions as sums, denominators 2, 3, 4, 6, 8, including visual models, including real-world content
3.3E(S)	
Skill Code	Description
203110	Determine partitioning of objects as fraction, denominators 2, 3, 4, 6, 8
3.3F(R)	
Skill Code	Description
203111	Determine equivalent fractions, strip diagrams, denominators 2, 3, 4, 6, 8
203112	Determine equivalent fractions, area models, various models, denominators 2, 3, 4, 6, 8
203113	Condensed: Determine equivalent fractions, various models, denominators 2, 3, 4, 6, 8
3.3G(S)	
Skill Code	Description
203114	Determine equivalent fraction equations, various models, denominators 2, 3, 4, 6, 8
203092	Determine equivalent fractions, area models
3.3DHR)	
Skill Code	Description
203115	Compare two fractions, number lines, denominators 2, 3, 4, 6, 8
203116	Compare two fractions, strip diagrams, denominators 2, 3, 4, 6, 8
203117	Compare two fractions, area models, denominators 2, 3, 4, 6, 8
203118	Condensed: Compare two fractions, various models, denominators 2, 3, 4, 6, 8
3.4: Number & Operations: Whole Number Operations	
3.4A(R)	
Skill Code	Description
137051	Add whole numbers, up to two digits, real-world context
137052	Add three- & four-digit whole numbers, real world context
138026	Subtract whole numbers, five-digit & four- or five-digit, real-world context
1809036	Add or subtract whole numbers, two-step, real-world context
3.4B(S)	
Skill Code	Description
43051	Round whole numbers to nearest ten

43053	Round whole numbers to nearest hundred
1421052	Estimate sums of whole numbers, up to three digits, including real-world context
1422052	Estimate differences of whole numbers, up to three digits, including real-world context
43011	Estimate sums & differences of whole numbers by rounding to specified place values
3.4C(S)	
Skill Code	Description
56002	Determine value of collection of coins & bills
3.4D(S)	
Skill Code	Description
30099	Determine total number of objects in equally-sized arrays, up to 10 by 10
3.4E(S)	
Skill Code	Description
30097	Multiply whole numbers, arrays, one-digit factors
30098	Multiply whole numbers, area models, one-digit factors
30080	Multiply whole numbers, equal-sized groups, one-digit factor
30081	Multiply whole numbers, various models, one-digit factors
1730005	Multiply positive integers using number line models
3.4F(S)	
Skill Code	Description
10001	Multiply one-digit whole numbers
10200	Multiply 1 & one-digit whole numbers
10201	Multiply 2 & one-digit whole numbers
10202	Multiply 3 & one-digit whole numbers
10203	Multiply 4 & one-digit whole numbers
10204	Multiply 5 & one-digit whole numbers
10205	Multiply 6 & one-digit whole numbers
10206	Multiply 7 & one-digit whole number
10207	Multiply 8 & one-digit whole numbers
10208	Multiply 9 & one-digit whole numbers
20003	Divide whole numbers, up to two-digit dividend, divisor up to ten
77056	Multiply whole numbers, one-digit factors, real-world context
3.4G(S)	
Skill Code	Description
30004	Multiply whole numbers, two-digit & one-digit
30074	Multiply whole numbers two-digit & one-digit, real-world context
3.4H(S)	
Skill Code	Description

1810123	Determine equivalence between arrays & division equations
3.4I(S)	
Skill Code	Description
34001	Identify even & odd numbers
34003	Determine even & odd numbers using divisibility
34005	Identify even & odd numbers, real-world context
3.4J(S)	
Skill Code	Description
1810011	Determine quotient using relationship between multiplication & division, divisor up to 10, quotient up to 10, real-world context
3.4K(S)	
Skill Code	Description
77054	Divide whole numbers, divisor up to 10, quotient up to 10, real-world context
77055	Multiply or divide whole numbers, one-digit factors, including addition & subtraction, real-world context
3.5: Algebraic Reasoning	
3.5A(R)	
Skill Code	Description
77059	Evaluate one-step addition & subtraction expressions, number lines, including real-world context
77057	Evaluate one-step addition & subtraction expressions, strip diagrams, including real-world context
77060	Evaluate two-step addition & subtraction expressions, number lines, including real-world context
77058	Evaluate two-step addition & subtraction expressions, strip diagrams, including real-world context
3.5B(R)	
Skill Code	Description
77061	Identify models representing one-step multiplication expressions, real-world context
77062	Identify models representing one-step division expressions, real-world context
77063	Identify models representing two-step numerical expressions, real world context
3.5C(S)	
Skill Code	Description
77064	Interpret multiplication expression as comparison
3.5D(R)	
Skill Code	Description

203108	Decompose fractions into sum of fractions, visual models, denominators 2, 3, 4, 6, 8
203109	Compose unit fractions into sum, denominators 2, 3, 4, 6, 8, real-world content
77065	Determine unknown whole number in multiplication & division equations
3.5E(R)	
Skill Code	Description
203110	Determine partitioning of objects as fraction, denominators 2, 3, 4, 6, 8
89024	Given table, determine relationship between input & output
89023	Determine missing elements in tables, subtraction
89027	Identify or interpret addition & subtraction tables, real-world context
89026	Identify or interpret multiplication & division tables, real-world context
3.6: Geometry & Measurement: Attributes & Properties	
3.6A(R)	
Skill Code	Description
1062104	Classify 2D figures
1032105	Classify 3D figures
3.6B(S)	
Skill Code	Description
1062103	Identify & classify quadrilaterals
3.6C(R)	
Skill Code	Description
1040106	Determine area of rectangles using unit squares
3.6D(S)	
Skill Code	Description
1062108	Determine area of composite figures using unit squares, only rectangles
3.6E(S)	
Skill Code	Description
1630202	Decompose 2D figures into parts with equal areas
3.7: Geometry & Measurement	
3.7A(S)	
Skill Code	Description
58113	Identify or plot fractions or determine lengths on number lines, increments of eighths
3.7B(R)	
Skill Code	Description

1040092	Determine perimeter of rectangles
1040140	Given perimeter of rectangle & one side, determine dimension
1040105	Determine perimeter of polygons, whole numbers
3.7C(S)	
Skill Code	Description
1411015	Identify digital times before or after hour
1411014	Given time before or after hour, determine digital time
1411053	Given time passed, determine starting or ending time on analog clock, real-world context
1411052	Given time passed, determine starting or ending time on number line model, real-world context
3.7D(S)	
Skill Code	Description
1600050	Determine applicable unit of measure, real-world context
3.7E(S)	
Skill Code	Description
1600049	Given pictorial model, identify weight or liquid volume
3.8 Data Analysis	
3.8A(R)	
Skill Code	Description
1413015	Given pictograph, determine equivalent bar graph
1413017	Given pictograph, determine equivalent table
1413003	Given table, determine equivalent pictograph
1413020	Given table, determine equivalent pictograph, whole numbers
1413002	Given table, determine equivalent bar graph
1413006	Given table, determine equivalent bar graph, including double bar graphs
1413013	Given bar graph, determine equivalent pictograph
1413011	Given bar graph, determine equivalent table
730522	Given data, identify dot plot
730521	Given data, identify frequency table
3.8B(S)	
Skill Code	Description
730520	Add or subtract whole numbers from various data displays
1600002	Solve problems involving interpretation of various graphs
3.9 Personal Financial Literacy	
3.9A(S)	
Skill Code	Description
780115	Identify connection between income & human capital
3.9B(S)	
Skill Code	Description

780114	Identify connection between income & human capital
3.9C(N)	
Skill Code	Description
780113	Identify impacts of planned & unplanned spending
3.9D(S)	
Skill Code	Description
780112	Identify impacts of interest when using credit
3.9E(S)	
Skill Code	Description
780110	Identify financial decisions involving income, spending, saving & giving