

School: Peters Elementary

Class: 6th for 5th

6th for 5th 2019-2020

Objective	Library Objective Code	Practice Criteria	Test Criteria	Review Criteria
1. WP: Extend a pattern to solve a problem	DMG5-105	5/ 6	4/ 5	3/ 4
2. Determine all possible outcomes of a compound event using a tree diagram	DMG5-166	5/ 6	4/ 5	3/ 4
3. ● Determine lines of symmetry	DMG4-129	5/ 6	4/ 5	3/ 4
4. Determine the result of a reflection, a rotation, or a translation on the Cartesian plane	DMG6-136	5/ 6	4/ 5	3/ 4
5. Measure an angle, between two rays or in a shape, to the nearest degree	DMG6-119	5/ 6	4/ 5	3/ 4
6. Identify vertical, adjacent, complementary, or supplementary angles	DMG7-115	5/ 6	4/ 5	3/ 4
7. Determine the measure of a missing angle using angle relationships	DMG7-116	5/ 6	4/ 5	3/ 4
8. Determine all the factors of a whole number to 50	DMG5-003	5/ 6	4/ 5	3/ 4
9. Determine the prime factorization of a number between 50 and 200	DMG6-001	5/ 6	4/ 5	3/ 4
10. Determine the greatest common factor of three numbers to 100	DMG6-002	5/ 6	4/ 5	3/ 4
11. Determine common multiples for two whole numbers	DMG5-008	5/ 6	4/ 5	3/ 4
12. Determine the least common multiple of three numbers	DMG6-003	5/ 6	4/ 5	3/ 4
13. Determine an exponential form of a whole number	DMG7-006	5/ 6	4/ 5	3/ 4
14. Evaluate a whole number power of a whole number	DMG7-005	5/ 6	4/ 5	3/ 4
15. ● Order fractions with unlike denominators in ascending or descending order	DMG5-034	5/ 6	4/ 5	3/ 4
16. ● Compare fractions with unlike denominators	DMG5-033	5/ 6	4/ 5	3/ 4
17. Add fractions with like denominators greater than 10 and simplify the sum	DMG5-035	5/ 6	4/ 5	3/ 4
18. Add mixed numbers with like denominators and simplify the sum	DMG5-049	5/ 6	4/ 5	3/ 4
19. Add fractions with unlike denominators and simplify the sum	DMG6-013	5/ 6	4/ 5	3/ 4
20. Add mixed numbers with unlike denominators and simplify the sum	DMG5-050	5/ 6	4/ 5	3/ 4
21. Subtract fractions with like denominators greater than 10 and simplify the difference	DMG5-040	5/ 6	4/ 5	3/ 4
22. Subtract mixed numbers with like denominators and simplify the difference	DMG5-051	5/ 6	4/ 5	3/ 4
23. Subtract fractions with unlike denominators and simplify the difference	DMG6-014	5/ 6	4/ 5	3/ 4
24. Subtract a mixed number from a whole number	DMG6-018	5/ 6	4/ 5	3/ 4
25. Subtract mixed numbers with unlike denominators or a mixed number and a fraction and simplify the difference	DMG6-019	5/ 6	4/ 5	3/ 4
26. WP: Add or subtract fractions with unlike denominators and simplify the sum or difference	DMG6-016	5/ 6	4/ 5	3/ 4
27. WP: Add or subtract mixed numbers with unlike denominators or a mixed number and a fraction with unlike denominators and simplify the sum or difference	DMG6-021	5/ 6	4/ 5	3/ 4

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28.	Estimate a fraction sum using benchmark numbers 0, 1/2, and 1	DMG5-056	5/ 6	4/ 5	3/ 4
29.	Estimate a fraction difference using benchmark numbers 0, 1/2, and 1	DMG5-057	5/ 6	4/ 5	3/ 4
30.	WP: Estimate a fraction sum or difference using benchmark numbers 0, 1/2, and 1	DMG5-058	5/ 6	4/ 5	3/ 4
31.	Multiply a proper fraction by a whole number	DMG5-062	5/ 6	4/ 5	3/ 4
32.	● Multiply a fraction by a fraction	DMG6-022	5/ 6	4/ 5	3/ 4
33.	● Convert a mixed number to an improper fraction	DMG5-047	5/ 6	4/ 5	3/ 4
34.	● Convert an improper fraction to a mixed number	DMG5-048	5/ 6	4/ 5	3/ 4
35.	● Multiply a mixed number by a fraction	DMG6-024	5/ 6	4/ 5	3/ 4
36.	● Multiply a mixed number by a mixed number	DMG6-025	5/ 6	4/ 5	3/ 4
37.	● Divide a whole number by a fraction resulting in a fractional quotient	DMG6-030	5/ 6	4/ 5	3/ 4
38.	● Divide a fraction by a fraction	DMG6-029	5/ 6	4/ 5	3/ 4
39.	Divide a mixed number by a fraction	DMG6-031	5/ 6	4/ 5	3/ 4
40.	Divide a mixed number by a mixed number	DMG6-032	5/ 6	4/ 5	3/ 4
41.	● Divide a fraction by a whole number resulting in a fractional quotient	DMG6-028	5/ 6	4/ 5	3/ 4
42.	● WP: Multiply or divide a fraction by a fraction	DMG6-033	5/ 6	4/ 5	3/ 4
43.	● WP: Multiply or divide two mixed numbers or a mixed number and a fraction	DMG6-034	5/ 6	4/ 5	3/ 4
44.	Estimate the product of a fraction and a whole number	DMG7-054	5/ 6	4/ 5	3/ 4
45.	Estimate the quotient of a whole number divided by a fraction	DMG7-055	5/ 6	4/ 5	3/ 4
46.	WP: Estimate the result of dividing or multiplying a whole number by a fraction	DMG7-056	5/ 6	4/ 5	3/ 4
47.	Convert a decimal number through thousandths to a simplified fraction	DMG5-090	5/ 6	4/ 5	3/ 4
48.	Convert a fraction with a denominator that is a factor of 10, 100, or 1,000 to decimal notation	DMG5-091	5/ 6	4/ 5	3/ 4
49.	Convert a decimal number to a percentage	DMG6-072	5/ 6	4/ 5	3/ 4
50.	Convert a percentage to a decimal number	DMG6-073	5/ 6	4/ 5	3/ 4
51.	Convert a percentage to a fraction	DMG6-075	5/ 6	4/ 5	3/ 4
52.	Convert a fraction to a percentage	DMG6-074	5/ 6	4/ 5	3/ 4
53.	● Multiply a decimal number through thousandths by a whole number	DMG6-043	5/ 6	4/ 5	3/ 4
54.	Multiply decimal numbers to thousandths using basic facts	DMG6-047	5/ 6	4/ 5	3/ 4
55.	Multiply a decimal number greater than one, in tenths, by a decimal number in tenths	DMG6-046	5/ 6	4/ 5	3/ 4
56.	● WP: Multiply two decimal numbers to thousandths	DMG6-051	5/ 6	4/ 5	3/ 4
57.	● Divide a decimal number by 10, 100, or 1,000	DMG6-053	5/ 6	4/ 5	3/ 4
58.	● Divide a decimal number through thousandths by a 1- or 2-digit whole number where the quotient has 2-5 decimal places	DMG6-055	5/ 6	4/ 5	3/ 4
59.	● Divide a decimal number by a decimal number through thousandths, rounded quotient if needed	DMG6-063	5/ 6	4/ 5	3/ 4
60.	● WP: Divide a whole number by a decimal number through thousandths, rounded quotient if needed	DMG6-064	5/ 6	4/ 5	3/ 4
61.	● WP: Divide a decimal through thousandths by a decimal through thousandths, rounded quotient if needed	DMG6-065	5/ 6	4/ 5	3/ 4
62.	● Compare numbers in decimal and fractional forms	DMG6-076	5/ 6	4/ 5	3/ 4
63.	● Order numbers in decimal and fractional forms	DMG6-077	5/ 6	4/ 5	3/ 4
64.	● WP: Estimate the product of two decimals	DMG6-052	5/ 6	4/ 5	3/ 4

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65. ● WP: Solve a 2-step problem involving decimals	DMG6-067	5/ 6	4/ 5	3/ 4
66. ● WP: Determine a whole number given a part and a percentage	DMG7-024	5/ 6	4/ 5	3/ 4
67. Identify or locate an integer on a number line	DMG6-089	5/ 6	4/ 5	3/ 4
68. Compare two negative integers or a negative integer and a positive integer	DMG6-090	5/ 6	4/ 5	3/ 4
69. Order negative integers or a mix of positive and negative integers	DMG6-091	5/ 6	4/ 5	3/ 4
70. Determine the opposite of an integer	DMG7-034	5/ 6	4/ 5	3/ 4
71. Add integers using a number line	DMG7-035	5/ 6	4/ 5	3/ 4
72. ● Add integers	DMG7-037	5/ 6	4/ 5	3/ 4
73. Subtract integers using a number line	DMG7-038	5/ 6	4/ 5	3/ 4
74. ● Subtract integers	DMG7-039	5/ 6	4/ 5	3/ 4
75. ● WP: Add and subtract using integers	DMG7-040	5/ 6	4/ 5	3/ 4
76. Evaluate a numerical expression, with parentheses and exponents, using order of operations	DMG7-011	5/ 6	4/ 5	3/ 4
77. Determine the ordered pair of a point in any quadrant	DMG6-139	5/ 6	4/ 5	3/ 4
78. Determine the location of an ordered pair in any quadrant	DMG6-138	5/ 6	4/ 5	3/ 4
79. Use a first quadrant graph to represent the values in an input-output table	DMG6-106	5/ 6	4/ 5	3/ 4
80. Use a graph to represent the ordered pairs in a function table	DMG7-082	5/ 6	4/ 5	3/ 4
81. ● WP: Use a unit rate, with a whole number or whole cent value, to solve a problem	DMG6-087	5/ 6	4/ 5	3/ 4
82. WP: Determine a ratio using whole numbers less than 50	DMG6-081	5/ 6	4/ 5	3/ 4
83. ● Use a formula to determine the area of a triangle	DMG5-126	5/ 6	4/ 5	3/ 4
84. Use a formula to determine the area of a parallelogram	DMG5-128	5/ 6	4/ 5	3/ 4
85. Determine the area of a trapezoid	DMG7-086	5/ 6	4/ 5	3/ 4
86. Determine an appropriate unit of measure	DMG5-112	5/ 6	4/ 5	3/ 4
87. Convert between customary units of length using fractional amounts	DMG5-113	5/ 6	4/ 5	3/ 4
88. Convert between customary units of weight using fractional amounts	DMG5-115	5/ 6	4/ 5	3/ 4
89. Convert between customary units of capacity using fractional amounts	DMG5-114	5/ 6	4/ 5	3/ 4
90. WP: Compare customary units of length, weight, or capacity using fractional amounts	DMG5-119	5/ 6	4/ 5	3/ 4
91. Convert between millimeters or centimeters and meters, or meters and kilometers using decimal amounts	DMG5-118	5/ 6	4/ 5	3/ 4
92. Convert between metric units of mass using decimal amounts	DMG5-117	5/ 6	4/ 5	3/ 4
93. Convert between metric units of capacity using decimal amounts	DMG5-116	5/ 6	4/ 5	3/ 4
94. WP: Compare metric units of length, mass, or capacity using decimal amounts	DMG5-120	5/ 6	4/ 5	3/ 4
95. Determine the mean of a set of whole number data	DMG6-147	5/ 6	4/ 5	3/ 4
96. Determine the median of a set of whole number data	DMG6-148	5/ 6	4/ 5	3/ 4
97. Determine the mode or modes of a set of whole number data	DMG6-149	5/ 6	4/ 5	3/ 4
98. Answer a question using information from a double- or stacked-bar graph	DMG5-156	5/ 6	4/ 5	3/ 4
99. ● Use a line graph to represent data	DMG4-136	5/ 6	4/ 5	3/ 4
100. Read a box-and-whisker plot	DMG8-082	5/ 6	4/ 5	3/ 4
101. Determine the number of possible combinations of a set of objects	DMG6-157	5/ 6	4/ 5	3/ 4

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102.	Compare predictions from experimental and theoretical probability	DMG6-156	5 / 6	4 / 5	3 / 4
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