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TABLE OF STANDARDS (PG. 1 OF 2)

The activities in **Grade 5 Applying the Operations** address the following standards.

| Number & Operations in Base Ten | | Activity |
|---|---|---|
| Perform operations with multi-digit whole numbers and with decimals to hundredths. | | |
| 5.NBT.B.5 | Fluently multiply multi-digit whole numbers using the standard algorithm. | 1 , 2 , 3 , 4 |
| 5.NBT.B.6 | Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. | 1 , 2 , 3 , 4 |
| 5.NBT.B.7 | Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. | 5 , 6 , 7 |

| Numbers & Operations - Fractions | | Activity |
|---|--|--|
| Use equivalent fractions as a strategy to add and subtract fractions. | | |
| 5.NF.A.1 | Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. | 9 , 10 , 11 , 12 |
| 5.NF.A.2 | Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. | 9 , 10 , 11 , 12 |
| Apply and extend previous understandings of multiplication and division. | | |
| 5.NF.B.4 | Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. | 8 , 9 , 10 , 11 , 12 |
| 5.NF.B.6 | Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem. | 8 , 9 , 10 , 11 , 12 |
| 5.NF.B.7 | Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. | 8 , 9 , 10 , 11 , 12 |