

| Standard | Grade | Assessed | Example from standards |
|----------|-------|---|---|
| 2.NBT.2 | 2 | question1_1, quiz1 | Use place value understanding and properties of operations to add |
| SP.A.3 | 6 | question1_2, quiz1 | Recognize that a measure of center for a numerical data set summarizes all of its values with a single number |
| 4.NF | 4 | question1_3 | Decompose a fraction into a sum of fractions with the same denominator in more than one way, recording each decomposition by an equation. |
| 3.OA | 3 | question1_4 | Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, |
| SP.B.4 | 6 | question2_1, question2_2, question2_3, quiz2 | Display numerical data in plots on a number line, including dot plots, histograms, and box plots. |
| 5NBT.B7 | 5 | question2_4 | Add, subtract, multiply, and divide decimals to hundredths, |
| 4 NFB.3 | 4 | question3_1, question3_2 | Understand a fraction a/b with $a > 1$ as a sum of fractions $1/b$. |
| 3 NF3 | 4 | Activity43 | Understand two fractions as equivalent (equal) if they are the same size, or the same point on a number line. |
| 4 MDA 1 | 4 | question4_1 | Know relative size of measurement units within one system of units (km, m, cm) |
| 4NF A1 | 4 | question4_2 | Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$ by using visual fraction models, |
| 4 MDA 1 | 4 | km.html | Know relative size of measurement units within one system of units (km, m, cm) |
| 5 MD a1 | 5 | question3_1, question3_2 | Drag each measurement to the column of the table with an equivalent measure. Some of the measurements may not have an equivalent measure. |
| 6 NS.B.4 | 6 | question5 | Find the greatest common factor of two whole numbers less than or equal to 100 |
| SP.B.5.c | 6 | question5_1 | Giving quantitative measures of center and variability, as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered. |
| 5.NF.B.6 | 5 | Cat prank 1 | Apply the area and perimeter formulas for rectangles in real world and mathematical problems. |
| 5 MDA 1 | 5 | Cat prank 1 | Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems. |
| 5.NF.B.6 | 5 | Cat prank 2 | Apply the area and perimeter formulas for rectangles in real world and mathematical problems. |
| 5 NF B.4 | 5 | Cat prank 2 | Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas. |
| 6 NS 3 | 6 | Cat prank 2 | Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation. |