## Fourth Grade Weekly Spiral Reviews, Quarter 3 - Week1

Spiral Reviews are provided to help students practice and retain previously taught skills. They are designed for teachers to use with students throughout the week (not all in one day), as part 1 (Number Talks and Spiral Review) of the lesson.

## Quarter 3 - Week 1

1. Which letter has two lines of symmetry?
. T
ch
๑. M
B.
2. Tabitha wants to buy a mirror with an area of 24 square inches. The table below lists dimensions for different mirrors at Target. Select all the mirrors she could buy.

|  | Dimensions |
| :--- | :--- |
| A | Length $=8$ inches <br> Width $=3$ inches |
| B | Length $=12$ inches <br> Width $=2$ inches |
| C | Length $=20$ inches <br> Width $=4$ inch |
| D | Length $=6$ inches <br> Width $=4$ inches |

4. 

Part 1: Gina has a book with a total of 345 pages. The number of pages in Gina's book is $p$ times more than the number of pages in Jill's book. Which expression best represents the number of pages in Jill's book?
A. $345 \div p$
B. $345 \times p$
C. $345-p$
D. $345+p$

Part 2: If Gina's book has 5 times more pages than Jill's book, how many pages does Jill's book have?
6. What is the best estimate for the weight of a pencil?
A. 1 pound
B. 1 ounce
C. 10 pounds
D. 10 ounces
8. A rock wall on the school playground is 2 meters tall.
The height of the school building is 6 times the height of the rock wall. What is the height of the school?

| Answer Key |  |  |
| :---: | :---: | :---: |
| Q3 Week 1 |  |  |
|  | Answer | Standard |
| 1. | C | 4.G.A. 3 (ADDITIONAL) Recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts. Identify linesymmetric figures and draw lines of symmetry. |
| 2. | A, B, D | 4.MD.A. 3 (SUPPORTING) Apply the area and perimeter formulas for rectangles in real world and mathematical problems. For example, find the width of a rectangular room given the area of the flooring and the length, by viewing the area formula as a multiplication equation with an unknown factor. |
| 3. | A | 4.NBT.A. 3 (MAJOR) Round multi-digit whole numbers to any place (up to and including hundredthousand place) using understanding of place value. |
| 4. | Part 1: A <br> Part 2: 69 pages | 4.OA.A.2 (MAJOR) Multiply or divide to solve contextual problems involving multiplicative comparison, and distinguish multiplicative comparison from additive comparison. For example, school A has 300 students and school B has 600 students: to say that school B has two times as many students is an example of multiplicative comparison; to say that school B has 300 more students is an example of additive comparison. |
| 5. |  | 4.NF.A. 1 (MAJOR) Explain why a fraction $\frac{a}{b}$ is equivalent to a fraction $\frac{a \times n}{a \times n}$ or $\frac{a \div n}{a \div n}$ by using visual fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size. Use this principle to recognize and generate equivalent fractions. For example, $\frac{3}{4}=\frac{3 \times 2}{3 \times 2}=\frac{6}{8}$. |
| 6. | B | 4.MD.A. 1 (SUPPORTING) Know relative sizes of measurement units within one system of units including $\mathrm{km}, \mathrm{m}, \mathrm{cm} ; \mathrm{kg}, \mathrm{g} ; \mathrm{lb}, \mathrm{oz} . ; \mathrm{l}, \mathrm{ml} ; \mathrm{hr}, \mathrm{min}, \mathrm{sec}$. Within a single system of measurement, express measurements in a larger unit in terms of a smaller unit. Record measurement equivalents in a two column table. For example, know that 1 ft is 12 times as long as 1 in . Express the length of a 4 ft snake as 48 in. Generate a conversion table for feet and inches listing the number pairs (1, 12), $(2,24),(3,36), \ldots$ |
| 7. | 10 | 4.NBT.A. 1 (MAJOR) Recognize that in a multi-digit whole number (less than or equal to $1,000,000$ ), a digit in one place represents ten times as much as it represents in the place to its right. For example, recognize that 7 in 700 is 10 times bigger than the 7 in 70 because $700 \div 70=10$ and $70 \times 10=700$. |
| 8. | 12 meters | 4.MD.A. 2 (SUPPORTING) Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale. |

