Parent note: This week, we will be reviewing the fraction concepts that have been covered so far in this unit. This includes knowing math vocabulary, adding and subtracting fractions and reducing fraction. This also includes drawing multiplication of fractions and solving word problems. Homework must be completed each night. There is a quiz on Friday. Extra help is available upon request.

<u>Monday – N6</u>

1. Match the operation to the name of the answer.

<u>Answer</u>   <u>Operation</u>

____ sum   a) multiplication

____ product   b) subtraction

____ quotient   c) addition

____ difference   d) division

2.   Change into an improper fraction.

$1\frac{1}{4} =$ $3\frac{2}{5} =$ $4\frac{1}{3} =$ $5\frac{1}{5} =$

$10\frac{2}{3} =$ $7\frac{1}{2} =$ $11\frac{1}{5} =$ $3\frac{1}{2} =$

3.   Reduce these fractions.

$\frac{10}{14} =$ $\frac{2}{18} =$ $\frac{11}{33} =$ $\frac{7}{21} =$

$\frac{16}{32} =$ $\frac{6}{24} =$ $\frac{20}{12} =$ $\frac{5}{25} =$

4. Find the sum or difference, show your work. REDUCE.

$\frac{4}{7} + \frac{1}{7} =$ $\frac{2}{3} + \frac{4}{12} =$ $\frac{5}{7} - \frac{1}{7} =$ $\frac{4}{5} - \frac{2}{10} =$

Tuesday

1. Change into a mixed fraction

$\frac{11}{9} =$ $\frac{12}{8} =$ $\frac{22}{3} =$ $\frac{7}{3} =$

$\frac{31}{6} =$ $\frac{14}{10} =$ $\frac{9}{2} =$ $\frac{15}{4} =$

2. Find the sum or difference, show your work. REDUCE.

$\frac{5}{10} + \frac{3}{5} =$ $2\frac{1}{4} + \frac{2}{5} =$ $\frac{12}{15} - \frac{2}{3} =$ $1\frac{1}{4} - \frac{1}{3} =$

$\frac{5}{7} + \frac{3}{4} =$ $\frac{2}{8} + \frac{10}{12} =$ $3 - \frac{3}{10} =$ $1\frac{3}{5} - \frac{8}{10} =$

2. Draw a picture to clearly show WHY

$5 \times \frac{1}{4} = 1\frac{1}{4}$ AND $\frac{2}{5}$ of $20 = 8$

Wednesday

1. **Find the sum or difference, show your work. REDUCE.**
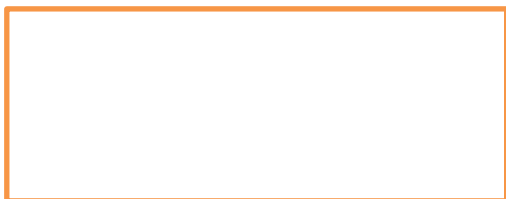
$$2\frac{1}{6} - 1\frac{2}{3} =$$
$$7 - \frac{4}{8} =$$
$$2\frac{1}{6} + 3\frac{2}{5} =$$
$$2\frac{3}{4} + 2\frac{2}{6} =$$

2. $\frac{2}{5}$ of my Christmas tree decorations are snowmen. I have 30 tree decorations in total. How many are snowmen? Write the equation and solve.

3. **Use the rectangle below to show why** $\frac{2}{3} \times \frac{1}{3} = \frac{2}{9}$.

4. Solve symbolically and REDUCE. Remember to change all fractions to "boring fractions" before multiplying.

$$\frac{1}{2} \times \frac{1}{7} =$$
$$\frac{1}{5} \, of \, 30 =$$
$$\frac{1}{6} \times \frac{2}{3} =$$
$$\frac{2}{5} \, of \, 20 =$$

$$4\frac{1}{2} \times 1\frac{1}{3} =$$
$$1\frac{3}{5} \times 5\frac{1}{2} =$$
$$10 \times \frac{2}{6} =$$
$$2\frac{2}{3} \times 3\frac{1}{4}$$

Thursday - Study for your quiz.

1. Solve symbolically and REDUCE. Remember to change all fractions to "boring fractions" before multiplying.

$4 \times \frac{1}{3} =$ $\frac{3}{4} \times 8 =$ $2\frac{1}{2} \times \frac{1}{3} =$ $1\frac{2}{3} \times 1\frac{1}{4}$

2. There are 200 children at the rink . $\frac{1}{4}$ of the children are in elementary school. How many are in elementary school? Write the equation and solve.

3. We served 12 containers of juice to students at the Christmas dinner. Each container was filled with $\frac{3}{4}$ litre of juice. How many litres of juice did we serve to the students? Write the equation and solve.

3. $\frac{3}{4}$ of the class has brown hair. $\frac{1}{2}$ of these students wear glasses. What fraction of the class has brown hair and wears glasses?

4. What is the **product** of $\frac{3}{6}$ and $\frac{1}{2}$?