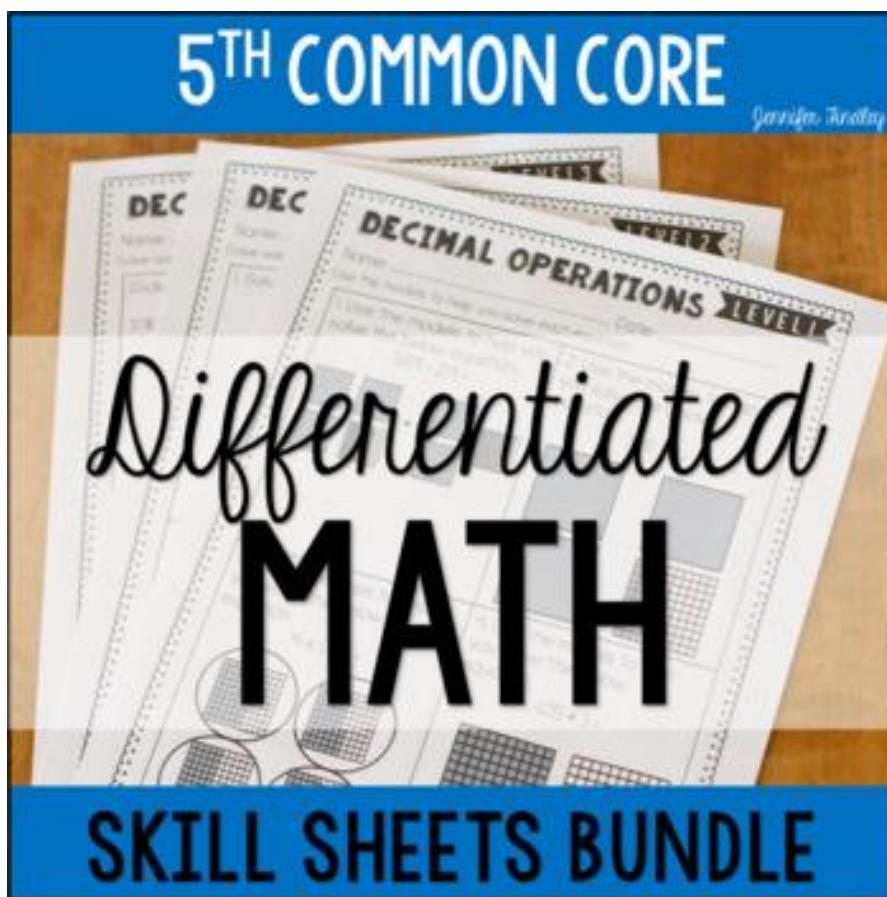# About this FREEBIE

This sample includes three 5th grade leveled skill sheets for standard 5.NF.1 and standard 5.NF.7.

Level 1 is approaching grade level, level 2 is grade level and level 3 is above grade level.

Click here or on the image below to see the complete set, which contains three levels for EVERY 5th grade common core standard.

FRACTION OPERATIONS

Name: _____ Date: _____

Add or subtract the fractions, as required by each problem. Simplify your answer, if needed.

1.

$$\frac{5}{8} + \frac{1}{4} =$$

$\frac{1}{4} \begin{array}{l} \times 2= \\ \times 2= \end{array}$ ___

$$\frac{5}{8} + \underline{\quad} =$$

2.

$$\frac{5}{6} - \frac{5}{12} =$$

$\frac{5}{6} \begin{array}{l} \times 2= \\ \times 2= \end{array}$ ___

$$\underline{\quad} - \frac{5}{12} =$$

3.

$$\frac{1}{4} + \frac{2}{6} =$$

$\frac{1}{4} \begin{array}{l} \times 3= \\ \times 3= \end{array}$ ___ $\frac{2}{6} \begin{array}{l} \times 2= \\ \times 2= \end{array}$ ___

$$\underline{\quad} + \underline{\quad} =$$

4.

$$\frac{7}{9} - \frac{3}{6} =$$

$\frac{7}{9} \begin{array}{l} \times 2= \\ \times 2= \end{array}$ ___ $\frac{3}{6} \begin{array}{l} \times 3= \\ \times 3= \end{array}$ ___

$$\underline{\quad} - \underline{\quad} =$$

5.NF.1

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FRACTION OPERATIONS

Name: _____ Date: _____

Add or subtract the fractions, as required by each problem. Simplify your answer, if needed.

1. $\dfrac{1}{8} + \dfrac{2}{6} =$	2. $\dfrac{7}{9} - \dfrac{1}{3} =$
3. $\dfrac{2}{6} + \dfrac{3}{4} =$	4. $\dfrac{4}{7} - \dfrac{2}{14} =$

5.NF.1

FRACTION OPERATIONS

Name: _____ Date: _____

Add or subtract the fractions, as required by each problem. Simplify your answer, if needed.

1. $\left(\dfrac{1}{2} + \dfrac{3}{4} \right) - \dfrac{2}{12} =$	2. $\dfrac{6}{8} - \left(\dfrac{2}{12} + \dfrac{2}{6} \right) =$
3. $\dfrac{2}{3} + \left(\dfrac{4}{7} - \dfrac{5}{12} \right) =$	4. $\left(\dfrac{8}{14} - \dfrac{2}{8} \right) + \dfrac{1}{7} =$

5.NF.1

DIVIDING WITH FRACTIONS

Name: _____ Date: _____
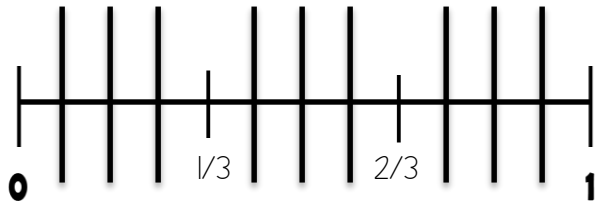
Solve the problem in each box. Show all of your work.

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1. Solve. Use the model to help you.

$$3 \div 1/2 =$$

---

2. Solve. Use the model to help you.

$$1/3 \div 4 =$$

0   1/3   2/3   1

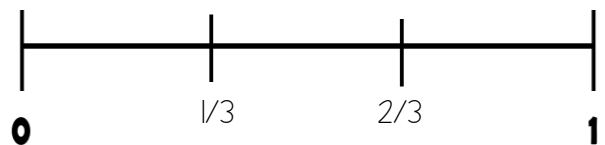
3. Mr. Sampson baked 2 pounds of chicken. He stored the chicken in containers that each held ½ of a pound. How many containers did Mr. Sampson use?

Mr. Sampson used ☐ containers for his chicken.

---

4. After a party, 1/3 of a cake remained. If Miguel and his brother equally split the remainder of the cake, what fraction of the original cake did each boy eat?

Each boy ate $\frac{\Box}{\Box}$ of a cake.

0   1/3   2/3   1

5.NF.7

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DIVIDING WITH FRACTIONS

Name: _____ Date: _____

Solve the problem in each box. Show all of your work.

1. Solve. Draw a model to support your answer. $4 \div \frac{1}{4} =$	2. Solve. Draw a model to support your answer. $\frac{1}{2} \div 5 =$
3. A construction worker had ½ a ton of cement. He used it for 4 different projects. If he used an equal amount for each project, what fraction of a ton was used by each?	4. A caterer made 24 sandwiches for a company lunch. When they arrived at the location, they discovered the guest list was more than they had anticipated. They decided to cut the sandwiches into 1/3 size pieces. How many 1/3 size pieces were they able to make?

5.NF.7

DIVIDING WITH FRACTIONS

Name: _____ Date: _____

Read the directions to complete the tasks in each box.

1. Create a word problem that would match the equation and solve. $1/4 \div 12 =$	2. Create a word problem that would match the equation and solve. $10 \div 1/5 =$

3. Write word problems for both equations. Then, explain the difference between the two equations.

$$1/3 \div 9 = \qquad 9 \div 1/3 =$$

5.NF.7

Answer Keys

FRACTION OPERATIONS

Name: _____ Date: _____

Add or subtract the fractions, as required by each problem. Simplify your answer, if needed.

1.

$$\frac{5}{8} + \frac{1}{4} =$$

$$\frac{1}{4} \begin{matrix} \times 2= \\ \times 2= \end{matrix} \underline{\quad}$$

$$\frac{5}{8} + \underline{\quad} =$$

7/8

2.

$$\frac{5}{6} - \frac{5}{12} =$$

$$\frac{5}{6} \begin{matrix} \times 2= \\ \times 2= \end{matrix} \underline{\quad}$$

$$\underline{\quad} - \frac{5}{12} =$$

5/12

3.

$$\frac{1}{4} + \frac{2}{6} =$$

$$\frac{1}{4} \begin{matrix} \times 3= \\ \times 3= \end{matrix} \underline{\quad} \qquad \frac{2}{6} \begin{matrix} \times 2= \\ \times 2= \end{matrix} \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} =$$

7/12

4.

$$\frac{7}{9} - \frac{3}{6} =$$

$$\frac{7}{9} \begin{matrix} \times 2= \\ \times 2= \end{matrix} \underline{\quad} \qquad \frac{3}{6} \begin{matrix} \times 3= \\ \times 3= \end{matrix} \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} =$$

5/18

5.NF.1

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FRACTION OPERATIONS

Name: _____ Date: _____

Add or subtract the fractions, as required by each problem. Simplify your answer, if needed.

1. $\frac{1}{8} + \frac{2}{6} =$ **11/24**	2. $\frac{7}{9} - \frac{1}{3} =$ **4/9**
3. $\frac{2}{6} + \frac{3}{4} =$ **1 1/12**	4. $\frac{4}{7} - \frac{2}{14} =$ **3/7**

5.NF.1

FRACTION OPERATIONS

Name: _____ Date: _____

Add or subtract the fractions, as required by each problem. Simplify your answer, if needed.

1. $\left(\dfrac{1}{2} + \dfrac{3}{4} \right) - \dfrac{2}{12} =$ **1 1/12**	2. $\dfrac{6}{8} - \left(\dfrac{2}{12} + \dfrac{2}{6} \right) =$ **1/4**
3. $\dfrac{2}{3} + \left(\dfrac{4}{7} - \dfrac{5}{12} \right) =$ **23/28**	4. $\left(\dfrac{8}{14} - \dfrac{2}{8} \right) + \dfrac{1}{7} =$ **13/28**

5.NF.1

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DIVIDING WITH FRACTIONS LEVEL 1

Name: _____ Date: _____

Solve the problem in each box. Show all of your work.
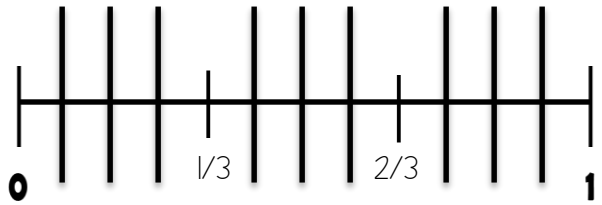
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1. Solve. Use the model to help you.

$$3 \div 1/2 =$$

6

---

2. Solve. Use the model to help you.

$$1/3 \div 4 =$$

0 ———— 1/3 ———— 2/3 ———— 1

1/12

---

3. Mr. Sampson baked 2 pounds of chicken. He stored the chicken in containers that each held ½ of a pound. How many containers did Mr. Sampson use?

Mr. Sampson used ☐ containers for his chicken.

4

---

4. After a party, 1/3 of a cake remained. If Miguel and his brother equally split the remainder of the cake, what fraction of the original cake did each boy eat?

Each boy ate $\frac{☐}{☐}$ of a cake.

0 ———— 1/3 ———— 2/3 ———— 1

1/6

5.NF.7

DIVIDING WITH FRACTIONS

Name: _____ Date: _____

Solve the problem in each box. Show all of your work.

1. Solve. Draw a model to support your answer. $4 \div \frac{1}{4} =$ **16**	2. Solve. Draw a model to support your answer. $\frac{1}{2} \div 5 =$ **1/10**
3. A construction worker had 1/2 a ton of cement. He used it for 4 different projects. If he used an equal amount for each project, what fraction of a ton was used by each? **1/8 of a ton**	4. A caterer made 24 sandwiches for a company lunch. When they arrived at the location, they discovered the guest list was more than they had anticipated. They decided to cut the sandwiches into 1/3 size pieces. How many 1/3 size pieces were they able to make? **72 pieces**

5.NF.7

DIVIDING WITH FRACTIONS

LEVEL 3

Name: _____ Date: _____

Read the directions to complete the tasks in each box.

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1. Create a word problem that would match the equation and solve.

$$1/4 \div 12 =$$

1/48

---

2. Create a word problem that would match the equation and solve.

$$10 \div 1/5 =$$

50

---

3. Write word problems for both equations. Then, explain the difference between the two equations.

$$1/3 \div 9 = \qquad 9 \div 1/3 =$$

1/27   **27**

5.NF.7

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Thanks!
Jennifer Findley