



**THIRD SPACE
LEARNING**

Exit Tickets

**Domain: Number and
Operations - Fractions**

4th grade

Exit Tickets

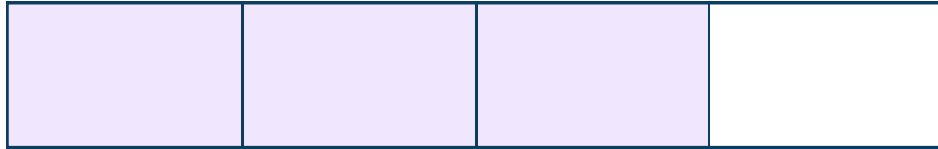
Name:

Standard: 4.NF.A.1

Focus: Understand fraction equivalence.

Directions: Partition and shade the rectangle to show a fraction that is equivalent to $\frac{3}{4}$.

$$\frac{3}{4}$$



THIRD SPACE LEARNING

Name:

Standard: 4.NF.A.1

Focus: Generate equivalent fractions.

Directions: For each fraction below, write an equivalent fraction.

a. $\frac{2}{3} = \frac{\boxed{}}{\boxed{}}$

b. $\frac{5}{8} = \frac{\boxed{}}{\boxed{}}$



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Name:

Standard: 4.NF.A.2

Focus: Compare fractions with different numerators

Directions: Compare each set of fractions using $<$, $>$ or $=$.

a. $\frac{5}{8} \bigcirc \frac{3}{8}$

b. $\frac{1}{4} \bigcirc \frac{3}{4}$

c. $\frac{7}{10} \bigcirc \frac{9}{10}$

d. $\frac{7}{12} \bigcirc \frac{5}{12}$



Name:

Standard: 4.NF.A.2

Focus: Compare fractions with different denominators

Directions: Compare each set of fractions using $<$, $>$ or $=$.

a. $\frac{1}{2} \bigcirc \frac{1}{3}$

b. $\frac{3}{4} \bigcirc \frac{3}{5}$

c. $\frac{5}{10} \bigcirc \frac{5}{8}$

d. $\frac{7}{12} \bigcirc \frac{7}{8}$



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Name:

Standard: 4.NF.B.3a

Focus: Understand addition of fractions with like denominators

Directions: Solve each addition equation.

a. $\frac{7}{12} + \frac{4}{12} =$

b. $\frac{1}{5} + \frac{2}{5} =$



Name:

Standard: 4.NF.B.3a

Focus: Understand subtraction of fractions with like denominators

Directions: Solve each subtraction equation.

a. $\frac{5}{8} - \frac{2}{8} =$

b. $\frac{4}{6} - \frac{3}{6} =$



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Name:

Standard: 4.NF.B.3b

Focus: Decompose a fraction into a sum of fractions with the same denominator.

1. Which **two** choices show the fraction $\frac{7}{10}$ decomposed correctly?

a. $\frac{4}{10} + \frac{2}{10} + \frac{1}{10} + \frac{1}{10}$

b. $\frac{3}{10} + \frac{2}{10} + \frac{1}{10} + \frac{1}{10}$

c. $\frac{2}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

d. $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

2. Show two ways to decompose the fraction $\frac{5}{8}$.



THIRD SPACE LEARNING

Name:

Standard: 4.NF.B.3c

Focus: Add and subtract mixed numbers with like denominators.

Directions: Solve each equation.

a. $4\frac{6}{10} + 2\frac{1}{10} =$

b. $9\frac{7}{8} - 8\frac{4}{8} =$



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Name:

Standard: 4.NF.B.3d

Focus: Solve word problems involving addition and subtraction of fractions.

Directions: Solve each word problem.

a. Moira and Kenley used string to make friendship bracelets. Moira used $\frac{4}{8}$ of the string for her bracelets. The girls used $\frac{7}{8}$ of the string in all. What fraction of the string did Kenley use?

b. Kennedy roller bladed $2\frac{1}{12}$ miles from school to the library. She then roller bladed $1\frac{6}{12}$ miles from the library to her house. How far did Kennedy roller blade in all?



THIRD SPACE LEARNING

Name:

Standards: 4.NF.B.4a / 4.NF.B.4b

Focus: Multiply a fraction by a whole number.

Directions: Draw a model to represent each multiplication equation, then solve.

a. $6 \times \frac{1}{3} =$

b. $\frac{4}{5} \times 2 =$



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Name:

Standard: 4.NF.B.4c

Focus: Solve word problems involving multiplication of a fraction by a whole number.

Directions: Solve each word problem.

a. Harry is making 4 batches of cookies. Each batch of cookies needs $\frac{2}{3}$ of a cup of sugar. How much sugar does Harry need for all 4 batches of cookies?

b. Matteo drinks $\frac{1}{4}$ of a liter of orange juice each morning. How much orange juice does Matteo drink in one week?



THIRD SPACE LEARNING

Name:

Standard: 4.NF.C.5

Focus: Add two fractions with respective denominators 10 and 100.

Directions: Solve each equation.

a. $\frac{6}{10} + \frac{28}{100} =$

b. $\frac{1}{10} + \frac{32}{100} =$

c. $\frac{16}{100} + \frac{8}{10} =$

d. $\frac{50}{100} + \frac{3}{10} =$



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Name:

Standard: 4.NF.C.6

Focus: Use decimal notation for fractions with denominators 10 or 100.

Directions: Write each fraction as a decimal.

a. $\frac{8}{10} =$ _____

b. $\frac{29}{100} =$ _____

c. $\frac{2}{10} =$ _____

d. $\frac{63}{100} =$ _____



THIRD SPACE LEARNING

Name:

Standard: 4.NF.C.7

Focus: Compare two decimals to hundredths.

Directions: Compare the decimals using $<$, $>$ or $=$.

a. $0.85 \bigcirc 0.58$

b. $2.61 \bigcirc 2.59$

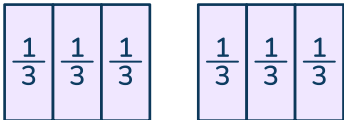
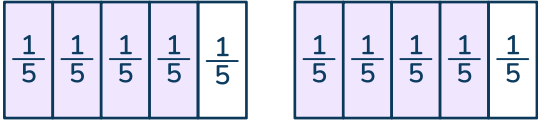
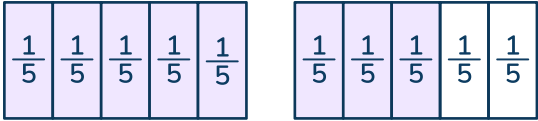
c. $1.07 \bigcirc 1.7$

d. $3.4 \bigcirc 3.40$



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Standard	Answer(s)
4.NF.A.1	Students can show any fraction that is equivalent to $\frac{3}{4}$. Possible answers: $\frac{6}{8}$, $\frac{9}{12}$, $\frac{12}{16}$, etc. Students must correctly partition and shade the rectangle to show the equivalent fraction.
4.NF.A.1	a. Possible answers: $\frac{4}{6}$, $\frac{6}{9}$, $\frac{8}{12}$, etc. b. Possible answers: $\frac{10}{16}$, $\frac{15}{24}$, $\frac{20}{32}$, etc.
4.NF.A.2 (different numerators)	a. > b. < c. < d. >
4.NF.A.2 (different denominators)	a. > b. > c. < d. <
4.NF.B.3a (adding)	a. $\frac{11}{12}$ b. $\frac{3}{5}$
4.NF.B.3a (subtracting)	a. $\frac{3}{8}$ b. $\frac{1}{6}$
4.NF.B.3b	1. b and d 2. Students must correctly show two ways to decompose $\frac{5}{8}$. Possible answers: $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ $\frac{3}{8} + \frac{1}{8} + \frac{1}{8}$ $\frac{2}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ $\frac{4}{8} + \frac{1}{8}$ $\frac{3}{8} + \frac{2}{8}$




Standard	Answer(s)
4.NF.B.3c	a. $6\frac{7}{10}$ b. $1\frac{3}{8}$
4.NF.B.3d	a. Kenley used $\frac{3}{8}$ of the string. b. Kennedy roller bladed $3\frac{7}{12}$ miles in all.
4.NF.B.4a, 4.NF.B.4b	a. $6 \times \frac{1}{3} = 2$  b. $\frac{4}{3} \times 2 = \frac{8}{3} = 1\frac{2}{3}$  or 
4.NF.B.4c	a. $\frac{2}{3} \times 4 = \frac{8}{3} = 2\frac{2}{3}$ cups of sugar b. $\frac{1}{4} \times 7 = \frac{7}{4} = 1\frac{3}{4}$ liters of orange juice
4.NF.C.5	a. $\frac{88}{100}$ b. $\frac{42}{100}$ c. $\frac{96}{100}$ d. $\frac{80}{100}$ or $\frac{8}{10}$
4.NF.C.6	a. 0.8 c. 0.2 b. 0.29 d. 0.63
4.NF.C.7	a. > c. < b. > d. =

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