



Developed with Kristin Hotter

Volume 38 | Gr. 3-5

Part 1

Fractions

Fraction tower task cards included



CCSS.MATH.CONTENT.3.NF.A.1
Understand a fraction $1/b$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size $1/b$.



TB21918

Materials list

- Unifix® Cubes Set of 3,000 (TB21918)
- Unifix® Cubes Set of 1,000 (TB11561)
- Unifix® Cubes Set of 100 (TB11548)

Students will need access to a variety of colors of Unifix® Cubes. For each task card, they will need no more than 10 of a given color.

Content

Each set of task cards provide independent or small group fraction practice using Unifix® Cubes. Each set includes introductory examples that set students up to be successful in each independent task. The first set of cards asks students to create a Unifix® Cube tower using a specific set of fraction rules. The second set of cards asks students to determine use Unifix® Cubes to determine three fractions that are equivalent to a given fraction.

Prior to the lesson, task cards need to be cut out. You may also want to laminate them to use over and over.

Objectives

Students will...

- Be able to build Unifix® Cube towers from specific instructions
- Be able to discuss fractional relationships using manipulatives

Introductory example

Create a tower of Unifix® Cubes. Include 2 red cubes, 2 black cubes and 1 white cube.

Ask students how many total cubes are in your tower. (5)

Explain that is the denominator of the fraction because that's whole or total number of Unifix® Cubes.

- How many cubes are red? (2) Explain that will be the numerator of the fraction because that's the part of the whole.
- What fraction of the tower is red? ($\frac{2}{5}$)
- How many cubes are white? (1)
- What fraction of the tower is white? ($\frac{1}{5}$)
- How many cubes are black? (2)
- What fraction of the tower is black? ($\frac{2}{5}$)
- How many cubes are orange? (0)
- What fraction of the tower is orange? ($\frac{0}{5}$)

Fraction Tower Task Cards (pp. 3–12)

The difficulty of the task increases as the number on the card increases.

Cards 1-10: Introductory cards. They give all needed details and only use fractions with like denominators.

Cards 11-15: Also use fractions with only like denominators, but students need to determine how many of one color of Unifix® Cubes are needed.

Cards 16-20: Give all the needed information and use fractions with both like and unlike denominators.

Cards 21-30: Use fractions with unlike denominators and ask students to determine how many of one color of Unifix® Cubes are needed



Intervention

- Students can start by building towers with 2–5 Unifix® Cubes. Limit the number of block colors to 2.
- Students can write out addition sentences to help them recognize that the sum of all Unifix® Cube towers will always be 1.

$$\frac{1}{6} + \frac{2}{6} + \frac{3}{6} = \frac{6}{6} (1)$$

Extension

- Students can create their own task cards and ask a friend to solve. Blank task cards are included at the end of the lesson.
- Students can grab a handful of Unifix® Cubes and write a task card that applies to the amount of cubes they've pulled.

Fraction Tower Task Cards 1–9

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

Card 1:

Use 6 Unifix® Cubes to build a tower that is $\frac{1}{6}$ Yellow, $\frac{2}{6}$ Blue, and $\frac{3}{6}$ Red.

Fraction Tower Task Cards

Card 4:

Use 9 Unifix® Cubes to build a tower that is $\frac{3}{9}$ Red, $\frac{1}{9}$ Orange, and $\frac{5}{9}$ Yellow.

Fraction Tower Task Cards

Card 7:

Use 12 Unifix® Cubes to build a tower that is $\frac{3}{12}$ Red, $\frac{1}{12}$ Orange, $\frac{2}{12}$ Yellow, $\frac{1}{12}$ Green, $\frac{3}{12}$ Blue, and $\frac{2}{12}$ Purple.

Fraction Tower Task Cards

Card 2:

Use 7 Unifix® Cubes to build a tower that is $\frac{3}{7}$ Red, $\frac{2}{7}$ Purple, and $\frac{2}{7}$ Black.

Fraction Tower Task Cards

Card 5:

Use 10 Unifix® Cubes to build a tower that is $\frac{7}{10}$ Black, $\frac{1}{10}$ Yellow, and $\frac{2}{10}$ Blue.

Fraction Tower Task Cards

Card 8:

Use 13 Unifix® Cubes to build a tower that is $\frac{2}{13}$ Black, $\frac{3}{13}$ Brown, $\frac{5}{13}$ Red, $\frac{1}{13}$ White, and $\frac{2}{13}$ Orange.

Fraction Tower Task Cards

Card 3:

Use 8 Unifix® Cubes to build a tower that is $\frac{2}{8}$ Green, $\frac{3}{8}$ Black, $\frac{1}{8}$ Orange, and $\frac{2}{8}$ Purple.

Fraction Tower Task Cards

Card 6:

Use 11 Unifix® Cubes to build a tower that is $\frac{3}{11}$ Green, $\frac{1}{11}$ Orange, $\frac{5}{11}$ Blue, and $\frac{2}{11}$ Red.

Fraction Tower Task Cards

Card 9:

Use 14 Unifix® Cubes to build a tower that is $\frac{4}{14}$ Orange, $\frac{5}{14}$ Yellow, $\frac{1}{14}$ Blue, $\frac{1}{14}$ Purple, and $\frac{3}{14}$ White.

Fraction Tower Task Cards

Fraction Tower Task Cards 10–18

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

Card 10:

Use 15 Unifix® Cubes to build a tower that is $\frac{2}{15}$ Red, $\frac{6}{15}$ Black, $\frac{4}{15}$ Yellow, $\frac{1}{15}$ Orange, $\frac{1}{15}$ Green, and $\frac{1}{15}$ Purple.

Fraction Tower Task Cards

Card 13:

Use 8 Unifix® Cubes to build a tower that is $\frac{1}{8}$ Orange, $\frac{3}{8}$ Purple, $\frac{1}{8}$ White, and the rest Black.

Fraction Tower Task Cards

Card 16:

Use 8 Unifix® Cubes to build a tower that is $\frac{1}{4}$ Purple, $\frac{1}{4}$ Brown, $\frac{3}{8}$ Red, and $\frac{1}{8}$ Blue.

Fraction Tower Task Cards

Card 11:

Use 6 Unifix® Cubes to build a tower that is $\frac{1}{6}$ Blue, $\frac{2}{6}$ White, and the rest Red.

Fraction Tower Task Cards

Card 14:

Use 9 Unifix® Cubes to build a tower that is $\frac{2}{9}$ Red, $\frac{3}{9}$ Orange, $\frac{1}{9}$ Yellow, and the rest Brown.

Fraction Tower Task Cards

Card 17:

Use 10 Unifix® Cubes to build a tower that is $\frac{1}{2}$ Orange, $\frac{1}{5}$ Blue, and $\frac{3}{10}$ Brown.

Fraction Tower Task Cards

Card 12:

Use 7 Unifix® cues to build a tower that is $\frac{2}{7}$ Black, $\frac{3}{7}$ Green, and the rest Yellow.

Fraction Tower Task Cards

Card 15:

Use 10 Unifix® Cubes to build a tower that is $\frac{1}{10}$ Red, $\frac{2}{10}$ Orange, $\frac{2}{10}$ Yellow, $\frac{1}{10}$ Green, $\frac{1}{10}$ Blue, and the rest Purple.

Fraction Tower Task Cards

Card 18:

Use 12 Unifix® Cubes to build a tower that is $\frac{1}{3}$ Blue, $\frac{1}{4}$ White, and $\frac{5}{12}$ Black.

Fraction Tower Task Cards

Fraction Tower Task Cards 19–27

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

Card 19:

Use 16 Unifix® Cubes to build a tower that is $\frac{3}{8}$ White, $\frac{1}{8}$ Brown, and $\frac{1}{2}$ Red.

Fraction Tower Task Cards

Card 22:

Use 8 Unifix® Cubes to build a tower that is $\frac{1}{8}$ Orange, $\frac{3}{4}$ Yellow, and the rest Blue.

Fraction Tower Task Cards

Card 25:

Use 10 Unifix® Cubes to build a tower that is $\frac{1}{2}$ Green, $\frac{2}{5}$ Blue, and the rest White.

Fraction Tower Task Cards

Card 20:

Use 18 Unifix® Cubes to build a tower that is $\frac{1}{3}$ Yellow, $\frac{1}{6}$ Blue, $\frac{2}{9}$ Green, and $\frac{5}{18}$ Black.

Fraction Tower Task Cards

Card 23:

Use 10 Unifix® Cubes to build a tower that is $\frac{1}{5}$ Black, $\frac{1}{2}$ Red, and the rest White.

Fraction Tower Task Cards

Card 26:

Use 15 Unifix® Cubes to build a tower that is $\frac{1}{3}$ Blue, $\frac{1}{5}$ Black, $\frac{4}{15}$ Orange, and the rest Green.

Fraction Tower Task Cards

Card 21:

Use 6 Unifix® Cubes to build a tower that is $\frac{1}{3}$ Blue and the rest White.

Fraction Tower Task Cards

Card 24:

Use 12 Unifix® Cubes to build a tower that is $\frac{3}{4}$ Blue, $\frac{1}{6}$ Yellow, and the rest Brown.

Fraction Tower Task Cards

Card 27:

Use 18 Unifix® Cubes to build a tower that is $\frac{5}{9}$ Yellow and the rest Brown.

Fraction Tower Task Cards

Fraction Tower Task Cards 28–30

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

Card 28:

Use 20 Unifix® Cubes to build a tower that is $\frac{1}{4}$ White, $\frac{2}{5}$ Blue, $\frac{3}{10}$ Red, and the rest Black.

Fraction Tower Task Cards

Card 29:

Use 24 Unifix® Cubes to build a tower that is $\frac{1}{6}$ Brown, $\frac{3}{8}$ Orange, $\frac{1}{2}$ Yellow, and the rest Green.

Fraction Tower Task Cards

Card 30:

Use 24 Unifix® Cubes to build a tower that is $\frac{1}{4}$ Blue, $\frac{1}{8}$ Yellow, $\frac{5}{12}$ Black, and the rest Orange.

Fraction Tower Task Cards

Name: _____ Date: _____

Card 1:

I used _____ yellow cubes.

I used _____ blue cubes.

I used _____ red cubes.

Card 5:

I used _____ black cubes.

I used _____ yellow cubes.

I used _____ blue cubes.

Card 9:

I used _____ orange cubes.

I used _____ yellow cubes.

I used _____ blue cubes.

I used _____ purple cubes.

I used _____ white cubes.

Card 2:

I used _____ red cubes.

I used _____ purple cubes.

I used _____ black cubes.

Card 6:

I used _____ green cubes.

I used _____ orange cubes.

I used _____ blue cubes.

I used _____ red cubes.

Card 10:

I used _____ red cubes.

I used _____ black cubes.

I used _____ yellow cubes.

I used _____ orange cubes.

I used _____ green cubes.

I used _____ purple cubes.

Card 3:

I used _____ green cubes.

I used _____ black cubes.

I used _____ orange cubes.

I used _____ purple cubes.

Card 7:

I used _____ red cubes.

I used _____ orange cubes.

I used _____ yellow cubes.

I used _____ green cubes.

I used _____ blue cubes.

I used _____ purple cubes.

Card 11:

I used _____ blue cubes.

I used _____ white cubes.

I used _____ red cubes.

Card 4:

I used _____ red cubes.

I used _____ orange cubes.

I used _____ yellow cubes.

Card 8:

I used _____ black cubes.

I used _____ brown cubes.

I used _____ red cubes.

I used _____ white cubes.

I used _____ orange cubes.

Card 12:

I used _____ black cubes.

I used _____ green cubes.

I used _____ yellow cubes.

Unifix® tower worksheet cont.

Card 13:

I used _____ orange cubes.

I used _____ purple cubes.

I used _____ white cubes

I used _____ black cubes.

Card 17:

I used _____ orange cubes.

I used _____ blue cubes.

I used _____ brown cubes.

Card 21:

I used _____ blue cubes.

I used _____ white cubes.

Card 14:

I used _____ red cubes.

I used _____ orange cubes.

I used _____ yellow cubes.

I used _____ brown cubes.

Card 18:

I used _____ blue cubes.

I used _____ white cubes.

I used _____ black cubes.

Card 22:

I used _____ orange cubes.

I used _____ yellow cubes.

I used _____ blue cubes.

Card 15:

I used _____ red cubes.

I used _____ orange cubes.

I used _____ yellow cubes.

I used _____ brown cubes.

Card 19:

I used _____ white cubes.

I used _____ brown cubes.

I used _____ red cubes

Card 23:

I used _____ white cubes.

I used _____ blue cubes.

I used _____ yellow cubes.

I used _____ red cubes.

Card 16:

I used _____ purple cubes.

I used _____ brown cubes.

I used _____ red cubes.

I used _____ blue cubes.

Card 20:

I used _____ yellow cubes.

I used _____ blue cubes.

I used _____ green cubes.

I used _____ black cubes.

Card 24:

I used _____ blue cubes.

I used _____ yellow cubes.

I used _____ brown cubes.

Unifix® tower worksheet cont.

Card 25:

I used _____ green cubes.

I used _____ blue cubes.

I used _____ white cubes.

Card 27:

I used _____ yellow cubes.

I used _____ brown cubes.

Card 29:

I used _____ brown cubes.

I used _____ orange cubes.

I used _____ yellow cubes.

I used _____ green cubes.

Card 26:

I used _____ blue cubes.

I used _____ black cubes.

I used _____ orange cubes.

I used _____ green cubes.

Card 28:

I used _____ white cubes.

I used _____ blue cubes.

I used _____ red cubes.

I used _____ black cubes.

Card 30:

I used _____ blue cubes.

I used _____ yellow cubes.

I used _____ black cubes.

I used _____ orange cubes.

<p>Card 1: 1 Yellow, 2 Blue, and 3 Red</p>	<p>Card 2: 2 Red, 2 Purple, and 3 Black</p>	<p>Card 3: 2 Green, 3 Black, 1 Orange, and 2 Purple</p>	<p>Card 4: 3 Red, 1 Orange, and 5 Yellow</p>
<p>Card 5: 7 Black, 1 Yellow and 2 Blue</p>	<p>Card 6: 3 Green, 1 Orange, 5 Blue, and 2 Red</p>	<p>Card 7: 3 Red, 1 Orange, 2 Yellow, 1 Green, 3 Blue, and 2 Purple</p>	<p>Card 8: 2 Black, 3 Brown, 5 Red, 1 White, and 2 Orange</p>
<p>Card 9: 4 Orange, 5 Yellow, 1 Blue, 1 Purple, and 3 White</p>	<p>Card 10: 2 Red, 6 Black, 4 Yellow, 1 Orange, 1 Green, and 1 Purple</p>	<p>Card 11: 1 Blue, 2 White, and 3 Red</p>	<p>Card 12: 2 Black, 3 Green, and 2 Yellow</p>
<p>Card 13: 1 Orange, 3 Purple, 1 White, 3 Black</p>	<p>Card 14: 2 Red, 3 Orange, 1 Yellow, and 3 Brown</p>	<p>Card 15: 1 Red, 2 Orange, 2 Yellow, 1 Green, 1 Blue, and 3 Purple</p>	<p>Card 16: 2 Purple, 2 Brown, 3 Red, and 1 Blue</p>
<p>Card 17: 5 Orange, 2 Blue, and 3 Brown</p>	<p>Card 18: 4 Blue, 3 White, and 5 Black</p>	<p>Card 19: 6 White, 2 Brown, and 8 Red</p>	<p>Card 20: 6 Yellow, 3 Blue, 4 Green, and 5 Black</p>
<p>Card 21: 2 Blue and 4 White</p>	<p>Card 22: 1 Orange, 6 Yellow, and 1 Blue</p>	<p>Card 23: 3 White, 3 Blue, 1 Yellow, and 2 Red</p>	<p>Card 24: 8 Blue, 2 Yellow, and 2 Brown</p>
<p>Card 25: 5 Green, 4 Blue, and 1 White</p>	<p>Card 26: 5 Blue, 3 Black, 4 Orange, and 3 Green</p>	<p>Card 27: 10 Yellow and 8 Brown</p>	<p>Card 28: 5 White, 8 Blue, 6 Red, and 1 Black</p>
<p>Card 29: 4 Brown, 9 Orange, 2 Yellow, and 9 Green</p>	<p>Card 30: 6 Blue, 3 Yellow, 10 Black, and 5 Orange</p>		

Blank Task Cards: Students can use these to create their own Fraction Tower Task Cards.

Use _____ Unifix® Cubes
to build a tower that is

Use _____ Unifix® Cubes
to build a tower that is

Use _____ Unifix® Cubes
to build a tower that is

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to build a tower that is

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Blank Task Cards

Use _____ Unifix® Cubes
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Use _____ Unifix® Cubes
to build a tower that is



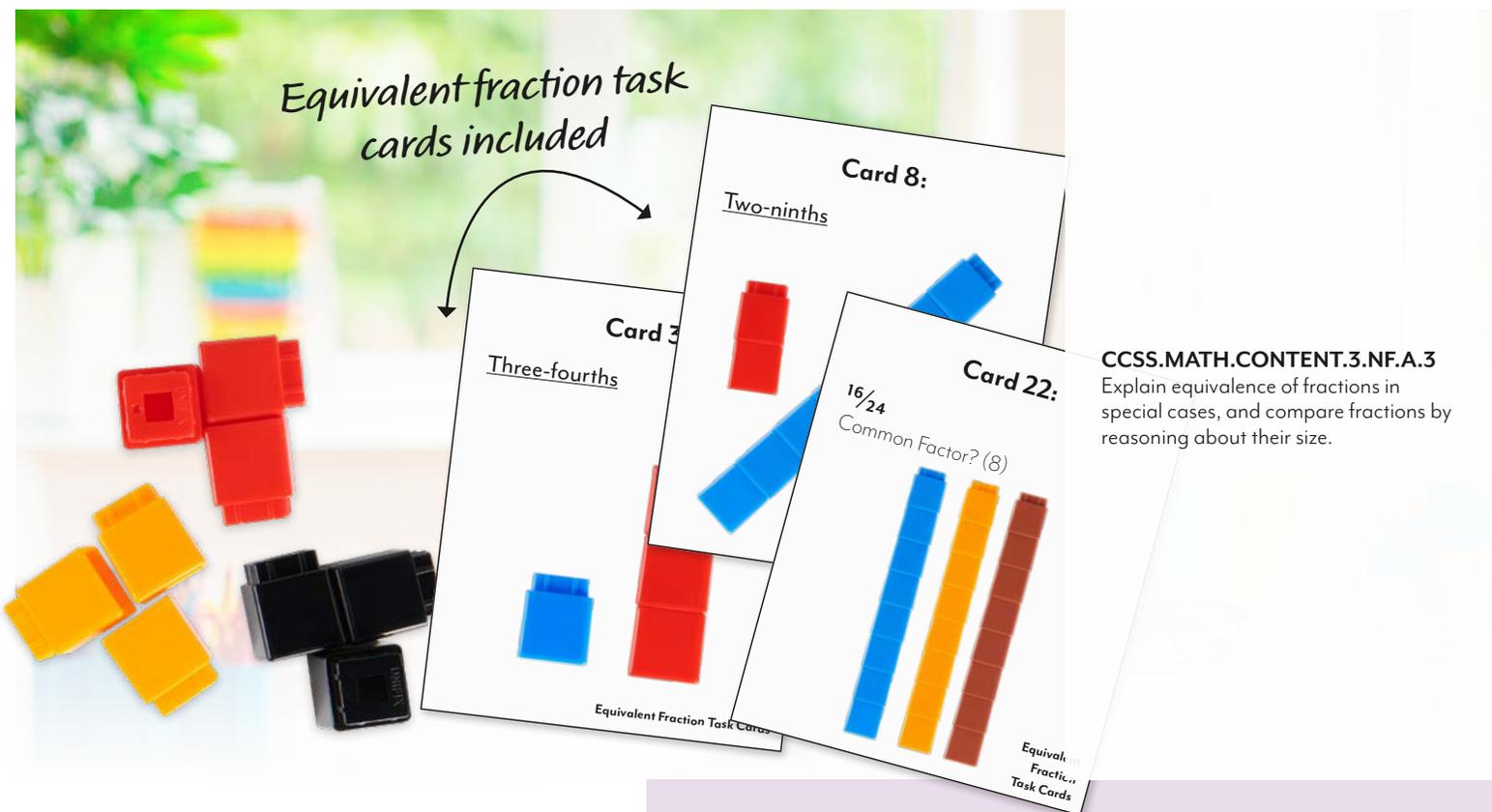
Developed with Kristin Hotter

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Part 2

Equivalent fraction task cards

Equivalent fraction task cards included



CCSS.MATH.CONTENT.3.NF.A.3
Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size.



TB21918

Materials list

- Unifix® Cubes Set of 3,000 (TB21918)
- Unifix® Cubes Set of 1,000 (TB11561)
- Unifix® Cubes Set of 100 (TB11548)

Students will need access to a variety of colors of Unifix® Cubes. For each task card, they will need no more than 10 of any given color.

Content

In this activity, students will use hands-on learning to practice determining equivalent fractions. Through examples and the task cards, they'll be provided with a list of instructions. Students will follow those instructions to create a group of Unifix® Cubes. Students will add and subtract Unifix® Cubes to their group to create other fractions that are equivalent to the original fraction.

Students should have a basic understanding of equivalent fractions. This activity is meant to provide extra practice and enrichment. The task cards work best in a centers environment where students have access to a large number of Unifix® Cubes. For the most challenging task cards, they'll need access to at least 30 red Unifix® Cubes and 45 non-red Unifix® Cubes.

Prior to the activity, task cards should be cut out and laminate.

Objectives

Students will...

- Be able to use manipulatives to compare fractions
- Be able to justify the equivalency of fractions

Introductory example

Teacher Demonstration

Example: $\frac{2}{3}$

Explain to student you use three Unifix® Cubes to make this fraction. Two cubes will be red and the other cube can be any other color. The two red Unifix® Cubes represent the numerator. The other color Unifix® Cube, combined with the two that are the numerator, represent the total number of Cubes: $2 + 1 = 3$. Students may need some additional assistance with this idea. A likely misconception is that they will want to have 2 red Unifix® Cubes and 3 non-red Unifix® Cubes.

If needed, provide students with additional practice by asking them to help you create these fractions:

$$\frac{1}{4} \quad \frac{3}{5} \quad \frac{5}{8}$$

Explain to students that your focus is going to be on the two red Unifix® Cubes. They always need to be in a group together.

- How many cubes are red? (2)
- How many total cubes are there? (3)
- That means $\frac{2}{3}$ of the cubes are red.

We want to try and find a fraction that's equivalent or equal to $\frac{2}{3}$. To do this, we need to add another Unifix® Cube to match each of the Unifix® Cubes we already have. That means we have to add two more red Unifix® Cubes and one other cube that is not red.

- How many cubes are red now? (4)
- How many total cubes are there? (6)
- What fraction of the Unifix® Cubes are red? ($\frac{4}{6}$)
- $\frac{2}{3}$ and $\frac{4}{6}$ are equivalent fractions

Add two additional red Unifix® Cubes and one additional non-red cube to find a third equivalent fraction.

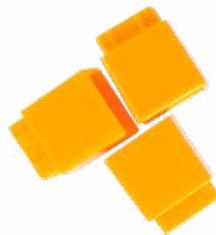
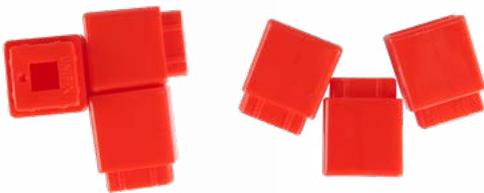
- How many red cubes are there now? (6)
- How many total cubes are there? (9)
- What fraction of the Unifix® Cubes are red? ($\frac{6}{9}$)
- $\frac{2}{3}$, $\frac{4}{6}$, and $\frac{6}{9}$ are all equivalent fractions

A similar method can be used with fraction that are not in lowest terms. Use the example of $\frac{6}{15}$.

Step 1: Create the Unifix® Cube fraction with 6 red Unifix® Cubes and 9 non-red Unifix® Cubes.

Step 2: Determine a factor the numerator and denominator have in common. (3)

Step 3: Separate the Unifix® Cubes into groups of 3 because that is the common factor. Remember to keep the red Unifix® Cubes separate from the other colors.



Step 4: Remove one Unifix® Cube from each group.

- How many red Unifix® Cubes remain? (4)
- How many non-red Unifix® Cubes remain? (6)
- What's the new fraction? ($\frac{4}{10}$)
- $\frac{4}{10}$ is equivalent to $\frac{6}{15}$.

Step 5: If possible, remove another Unifix® Cube from each group to discover another equivalent fraction. In this case, it would be $\frac{2}{5}$.

With this fraction, you'll only find two additional equivalent fractions ($\frac{4}{10}$ and $\frac{2}{5}$) by reducing. Challenge them to figure out how to come up with a third equivalent fraction. (Achieved by adding one cube to each original group of Unifix® Cubes.)

By adding one Unifix® Cube to each original pile, students will discover that $\frac{8}{20}$ is also equivalent to $\frac{6}{15}$.



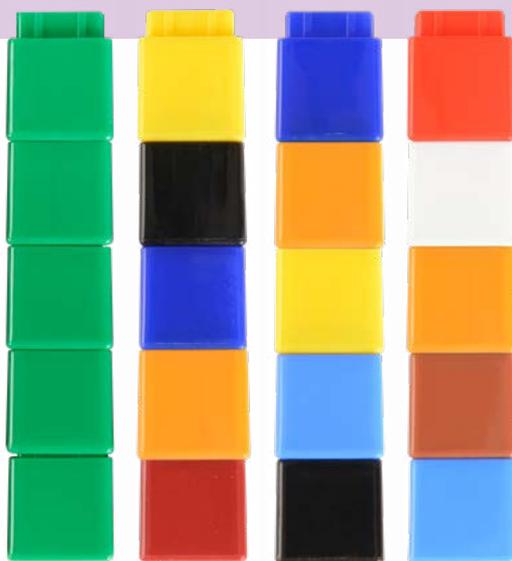
Intervention

Keep the focus on students adding Unifix® Cubes to create equivalent fractions rather than including the examples that ask them to remove them.

Extension

Provide students with two pairs of fractions such as $\frac{5}{20}$ and $\frac{3}{9}$. Have them use Unifix® Cubes to determine if the two provided fractions are equivalent.

To do this, they'll create the model of the fraction with the greater numerator ($\frac{5}{20}$).



The numerator of the second fraction dictates how many cubes should remain in each group. In this case, each group should be reduced to two cubes.



Students count the total number of Unifix® Cubes remaining. For this problem, there are 8 remaining. That means the equivalent fraction is $\frac{3}{8}$, not $\frac{3}{9}$.

$\frac{5}{20}$ is not equivalent to $\frac{3}{9}$.

Cards increase in difficulty. The higher the card number, the more challenging the task.

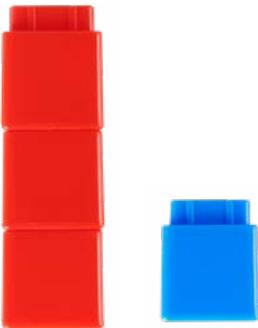
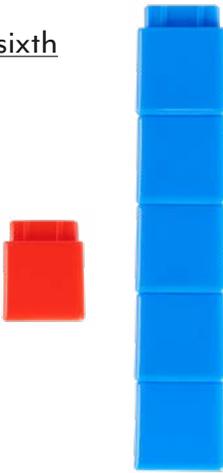
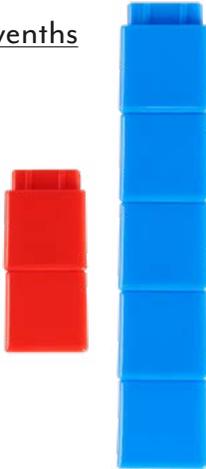
Cards 1-11: Provide a fraction in lowest terms and instruct students how to make their Unifix® Cube groups.

Cards 12-16: Provide a fraction in lowest terms, but do not include instructions on how to make the Unifix® Cube groups.

Cards 17-24: Provide a fraction that is not in lowest terms and instructs students how to make the Unifix® Cube groups.

Cards 25-30: Provide a fraction that is not in lowest terms, but does not include instructions on how to make the Unifix® Cube groups.

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

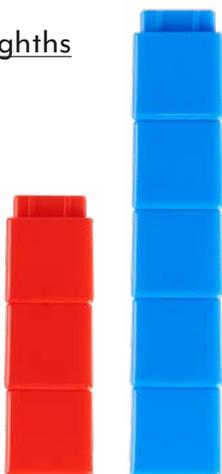
<p>Card 1:</p> <p><u>One-half</u></p>  <p>Equivalent Fraction Task Cards</p>	<p>Card 3:</p> <p><u>Three-fourths</u></p>  <p>Equivalent Fraction Task Cards</p>	<p>Card 5:</p> <p><u>One-sixth</u></p>  <p>Equivalent Fraction Task Cards</p>
<p>Card 2:</p> <p><u>One-third</u></p>  <p>Equivalent Fraction Task Cards</p>	<p>Card 4:</p> <p><u>Three-fifths</u></p>  <p>Equivalent Fraction Task Cards</p>	<p>Card 6:</p> <p><u>Two-sevenths</u></p>  <p>Equivalent Fraction Task Cards</p>

Equivalent Fraction Task Cards cont.

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

Card 7:

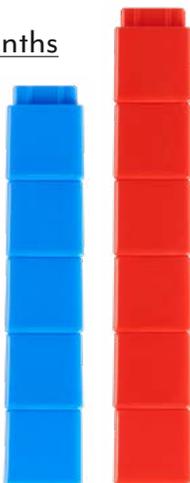
Three-eighths



Equivalent Fraction Task Cards

Card 10:

Six-elevenths



Equivalent Fraction Task Cards

Card 13:

Four-fifths

Ask yourself ...

1. How many red Unifix[®] Cubes?
2. How many non-red Unifix[®] Cubes?

Equivalent Fraction Task Cards

Card 8:

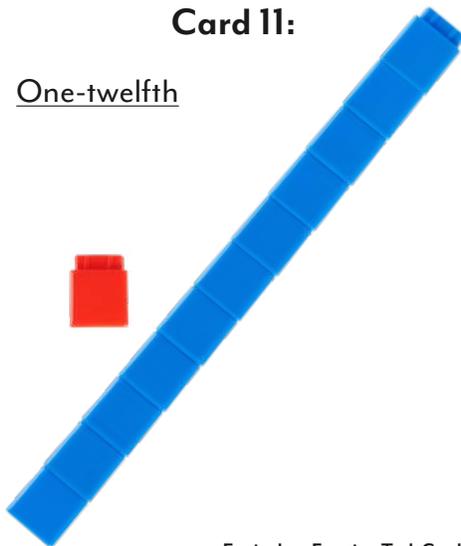
Two-ninths



Equivalent Fraction Task Cards

Card 11:

One-twelfth



Equivalent Fraction Task Cards

Card 14:

Five-sixths

Ask yourself ...

1. How many red Unifix[®] Cubes?
2. How many non-red Unifix[®] Cubes?

Equivalent Fraction Task Cards

Card 9:

Three-tenths



Equivalent Fraction Task Cards

Card 12:

One-fourth

Ask yourself ...

1. How many red Unifix[®] Cubes?
2. How many non-red Unifix[®] Cubes?

Equivalent Fraction Task Cards

Card 15:

Three-sevenths

Ask yourself ...

1. How many red Unifix[®] Cubes?
2. How many non-red Unifix[®] Cubes?

Equivalent Fraction Task Cards

Equivalent Fraction Task Cards cont.

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

Card 16:

Seven-eighths

Ask yourself ...

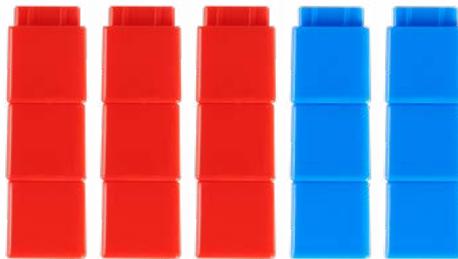
1. How many red Unifix® Cubes?
2. How many non-red Unifix® Cubes?

Equivalent Fraction Task Cards

Card 19:

$$\frac{9}{15}$$

Common Factor? (3)



Equivalent Fraction Task Cards

Card 22:

$$\frac{16}{24}$$

Common Factor? (8)

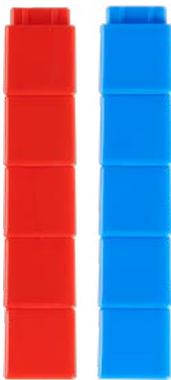


Equivalent Fraction Task Cards

Card 17:

$$\frac{5}{10}$$

Common Factor? (5)

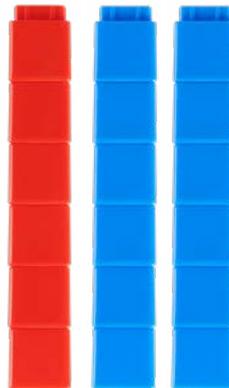


Equivalent Fraction Task Cards

Card 20:

$$\frac{6}{18}$$

Common Factor? (6)



Equivalent Fraction Task Cards

Card 23:

$$\frac{10}{25}$$

Common Factor? (5)

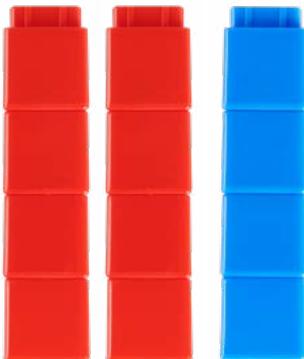


Equivalent Fraction Task Cards

Card 18:

$$\frac{8}{12}$$

Common Factor? (4)



Equivalent Fraction Task Cards

Card 21:

$$\frac{15}{20}$$

Common Factor? (5)



Equivalent Fraction Task Cards

Card 24:

$$\frac{8}{28}$$

Common Factor? (4)



Equivalent Fraction Task Cards

Equivalent Fraction Task Cards cont.

Cut these task cards out prior to starting lesson. You may also want to laminate them to use over and over.

Card 25:

Use Unifix® Cubes to find three fractions equivalent to $\frac{3}{12}$.

Equivalent Fraction Task Cards

Card 26:

Use Unifix® Cubes to find three fractions equivalent to $\frac{10}{40}$.

Equivalent Fraction Task Cards

Card 27:

Use Unifix® Cubes to find three fractions equivalent to $\frac{6}{18}$.

Equivalent Fraction Task Cards

Card 28:

Use Unifix® Cubes to find three fractions equivalent to $\frac{12}{27}$.

Equivalent Fraction Task Cards

Card 29:

Use Unifix® Cubes to find three fractions equivalent to $\frac{18}{30}$.

Equivalent Fraction Task Cards

Card 30:

Use Unifix® Cubes to find three fractions equivalent to $\frac{2}{33}$.

Equivalent Fraction Task Cards

<p>Card 1: One-half $\frac{2}{4}, \frac{3}{6}, \frac{4}{8}$</p>	<p>Card 2: One-third $\frac{2}{6}, \frac{3}{9}, \frac{4}{12}$</p>	<p>Card 3: Three-fourths $\frac{6}{8}, \frac{9}{12}, \frac{12}{16}$</p>	<p>Card 4: Three-fifths $\frac{6}{10}, \frac{9}{15}, \frac{12}{20}$</p>
<p>Card 5: One-sixth $\frac{2}{12}, \frac{3}{18}, \frac{4}{24}$</p>	<p>Card 6: Two-sevenths $\frac{4}{14}, \frac{6}{21}, \frac{8}{28}$</p>	<p>Card 7: Three-eighths $\frac{6}{16}, \frac{9}{24}, \frac{12}{32}$</p>	<p>Card 8: Two-ninths $\frac{4}{18}, \frac{6}{27}, \frac{8}{36}$</p>
<p>Card 9: Three-tenths $\frac{6}{20}, \frac{9}{30}, \frac{12}{40}$</p>	<p>Card 10: Six-elevenths $\frac{12}{22}, \frac{18}{33}, \frac{24}{44}$</p>	<p>Card 11: one-twelfth $\frac{2}{24}, \frac{3}{36}, \frac{4}{48}$</p>	<p>Card 12: One-fourth $\frac{2}{8}, \frac{3}{12}, \frac{4}{16}$</p>
<p>Card 13: Four-fifths $\frac{8}{10}, \frac{12}{15}, \frac{16}{20}$</p>	<p>Card 14: Five-sixths $\frac{10}{12}, \frac{15}{18}, \frac{20}{24}$</p>	<p>Card 15: Three-sevenths $\frac{6}{14}, \frac{9}{21}, \frac{12}{28}$</p>	<p>Card 16: Seven-eighths $\frac{14}{16}, \frac{21}{24}, \frac{28}{32}$</p>
<p>Card 17: $\frac{5}{10}$ Common Factor? (5) $\frac{4}{8}, \frac{3}{6}, \frac{2}{4}$</p>	<p>Card 18: $\frac{8}{12}$ Common Factor? (4) $\frac{3}{9}, \frac{2}{6}, \frac{1}{3}$</p>	<p>Card 19: $\frac{9}{15}$ Common Factor? (3) $\frac{6}{10}, \frac{3}{5}, \frac{12}{20}$</p>	<p>Card 20: $\frac{6}{18}$ Common Factor? (6) $\frac{5}{15}, \frac{4}{12}, \frac{3}{9}$</p>
<p>Card 21: $\frac{15}{20}$ Common Factor? (5) $\frac{4}{16}, \frac{3}{12}, \frac{2}{8}$</p>	<p>Card 22: $\frac{16}{24}$ Common Factor? (8) $\frac{14}{21}, \frac{12}{18}, \frac{10}{15}$</p>	<p>Card 23: $\frac{10}{25}$ Common Factor? (5) $\frac{8}{20}, \frac{6}{15}, \frac{4}{10}$</p>	<p>Card 24: $\frac{8}{28}$ Common Factor? (4) $\frac{6}{21}, \frac{4}{14}, \frac{3}{7}$</p>
<p>Card 25: Sample Answers: $\frac{1}{6}, \frac{3}{18}, \frac{4}{24}$</p>	<p>Card 26: Sample Answers: $\frac{5}{7}, \frac{15}{21}, \frac{20}{28}$</p>	<p>Card 27: Sample Answers: $\frac{3}{8}, \frac{9}{24}, \frac{12}{32}$</p>	<p>Card 28: Sample Answers: $\frac{8}{18}, \frac{4}{9}, \frac{16}{36}$</p>
<p>Card 29: Sample Answers: $\frac{3}{5}, \frac{6}{10}, \frac{9}{15}$</p>	<p>Card 30: Sample Answers: $\frac{14}{22}, \frac{7}{11}, \frac{28}{44}$</p>		