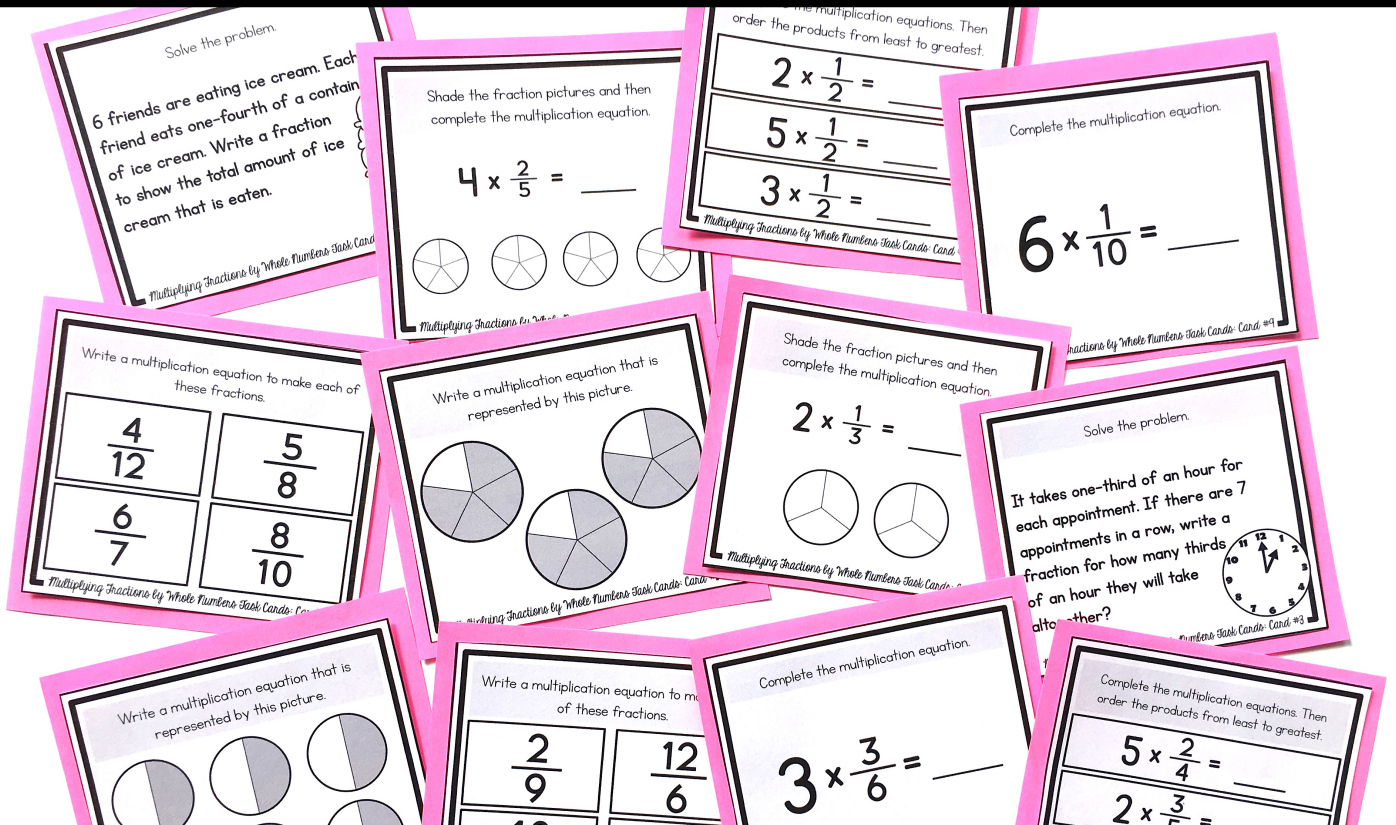


MULTIPLYING FRACTIONS BY WHOLE NUMBERS Task Cards



Created by Shelley Gray

About this Resource

This resource includes 24 task cards to help your students practice multiplying fractions by whole numbers. Students will use these task cards to practice this concept in a variety of different ways.

I have also included three vocabulary posters. Post these in the classroom for quick reference.

THE THIRD GRADE Fraction STATION

a SELF-PACED, STRATEGIC,
STUDENT-CENTERED program
for basic fraction concepts



BY SHELLEY GRAY

Are you looking for even more support with teaching fractions in your classroom? You might be interested in the self-paced, student-centered Fraction Station that will allow your students to master fraction concepts at their own pace. Find the Fraction Stations for third and fourth grade here:

<https://www.teacherspayteachers.com/Product/The-Fraction-Station-Grades-3-4-Combo-Pack-3064881>



I'd love to help you get really strategic with your math instruction this year! Join me over on my website, [ShelleyGrayTeaching.com](http://shelleygrayteaching.com) for ideas, tips, and resources!

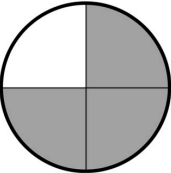
<http://shelleygrayteaching.com/>

This resource includes...

Three fraction vocabulary posters to post in the classroom for easy reference.

FRACTION

A **FRACTION** is a part of a whole.

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


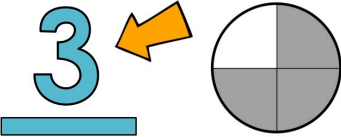
three-fourths

The whole has 4 parts. 3 of those parts are shaded.

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NUMERATOR

The **NUMERATOR** is the number on top. It represents the number of parts we have.

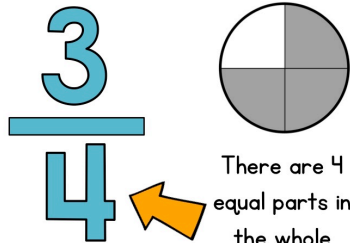
$$\frac{3}{4}$$


3 of the parts are shaded.

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DENOMINATOR






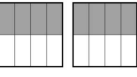

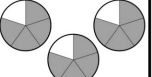
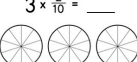



The **DENOMINATOR** is the number on the bottom. It represents the number of equal parts in the whole.

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







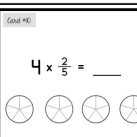







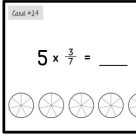

There are 4 equal parts in the whole

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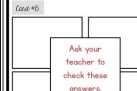
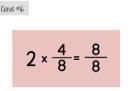
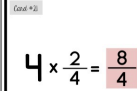

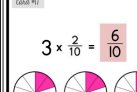

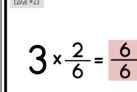
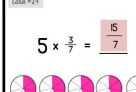
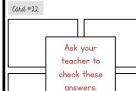
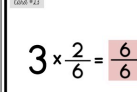
Twenty-four task cards to practice multiplying fractions by whole numbers in a variety of different ways:

<p>Shade the fraction pictures and then complete the multiplication equation.</p> $2 \times \frac{1}{3} = \underline{\quad}$  <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	<p>Write a multiplication equation to make each of these fractions.</p> <table border="1"> <tbody> <tr> <td>$\frac{2}{9}$</td> <td>$\frac{12}{6}$</td> </tr> <tr> <td>$\frac{10}{11}$</td> <td>$\frac{4}{6}$</td> </tr> </tbody> </table> <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	$\frac{2}{9}$	$\frac{12}{6}$	$\frac{10}{11}$	$\frac{4}{6}$	<p>Complete the multiplication equations. Then order the products from least to greatest.</p> $2 \times \frac{1}{2} = \underline{\quad}$ $5 \times \frac{1}{2} = \underline{\quad}$ $3 \times \frac{1}{2} = \underline{\quad}$ <p>Solve the problem.</p> <p>6 friends are eating ice cream. Each friend eats one-fourth of a container of ice cream. Write a fraction to show the total amount of ice cream that is eaten. If they have two containers of ice cream, what fraction of the second container will be left over?</p>  <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	<p>Complete the multiplication equations. Then order the products from least to greatest.</p> $3 \times \frac{2}{3} = \underline{\quad}$ $7 \times \frac{1}{3} = \underline{\quad}$ $2 \times \frac{1}{3} = \underline{\quad}$ <p>Complete the multiplication equation.</p> $2 \times \frac{4}{6} = \underline{\quad}$ <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	<p>Solve the problem.</p> <p>Three kids are building a sandcastle. They each fill their pail $\frac{2}{3}$ full with wet sand. Altogether, how many thirds of a pail of sand are there?</p>  <p>Complete the multiplication equations. Then order the products from least to greatest.</p> $5 \times \frac{2}{6} = \underline{\quad}$ $2 \times \frac{1}{3} = \underline{\quad}$ $4 \times \frac{2}{6} = \underline{\quad}$ <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>			
$\frac{2}{9}$	$\frac{12}{6}$										
$\frac{10}{11}$	$\frac{4}{6}$										
<p>Solve the problem.</p> <p>It takes one-third of an hour for each appointment. If there are 7 appointments in a row, write a fraction for how many thirds of an hour they will take altogether?</p>  <p>Complete the multiplication equation.</p> $3 \times \frac{3}{6} = \underline{\quad}$ <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	<p>Complete the multiplication equation.</p> $6 \times \frac{1}{10} = \underline{\quad}$ <p>Shade the fraction pictures and then complete the multiplication equation.</p> $4 \times \frac{2}{5} = \underline{\quad}$  <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	<p>Write a multiplication equation to make each of these fractions.</p> <table border="1"> <tbody> <tr> <td>$\frac{4}{5}$</td> <td>$\frac{2}{2}$</td> </tr> <tr> <td>$\frac{8}{12}$</td> <td>$\frac{4}{3}$</td> </tr> </tbody> </table> <p>Write a multiplication equation to make each of these fractions.</p>  <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	$\frac{4}{5}$	$\frac{2}{2}$	$\frac{8}{12}$	$\frac{4}{3}$	<p>Complete the multiplication equation.</p> $4 \times \frac{2}{4} = \underline{\quad}$ <p>Write a multiplication equation to make each of these fractions.</p> <table border="1"> <tbody> <tr> <td>$\frac{8}{9}$</td> <td>$\frac{4}{11}$</td> </tr> <tr> <td>$\frac{10}{7}$</td> <td>$\frac{3}{8}$</td> </tr> </tbody> </table> <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	$\frac{8}{9}$	$\frac{4}{11}$	$\frac{10}{7}$	$\frac{3}{8}$
$\frac{4}{5}$	$\frac{2}{2}$										
$\frac{8}{12}$	$\frac{4}{3}$										
$\frac{8}{9}$	$\frac{4}{11}$										
$\frac{10}{7}$	$\frac{3}{8}$										
<p>Write a multiplication equation that is represented by this picture.</p>  <p>Complete the multiplication equations. Then order the products from least to greatest.</p> $5 \times \frac{2}{4} = \underline{\quad}$ $2 \times \frac{3}{5} = \underline{\quad}$ $4 \times \frac{1}{3} = \underline{\quad}$ <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	<p>Write a multiplication equation that is represented by this picture.</p>  <p>Write a multiplication equation to make each of these fractions.</p> <table border="1"> <tbody> <tr> <td>$\frac{4}{12}$</td> <td>$\frac{5}{8}$</td> </tr> <tr> <td>$\frac{6}{7}$</td> <td>$\frac{8}{10}$</td> </tr> </tbody> </table> <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	$\frac{4}{12}$	$\frac{5}{8}$	$\frac{6}{7}$	$\frac{8}{10}$	<p>Shade the fraction pictures and then complete the multiplication equation.</p> $3 \times \frac{2}{10} = \underline{\quad}$  <p>Solve the problem.</p> <p>Each day the cat eats $\frac{1}{2}$ a cup of cat food. Write a Fraction to show how many halves of a cup of food she will eat in 9 days.</p>  <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>	<p>Write a multiplication equation that is represented by this picture.</p>  <p>Shade the fraction pictures and then complete the multiplication equation.</p> $5 \times \frac{3}{7} = \underline{\quad}$  <p><small>© Math-Dr.com www.Math-Dr.com/Teaching.com</small></p>				
$\frac{4}{12}$	$\frac{5}{8}$										
$\frac{6}{7}$	$\frac{8}{10}$										

Recording sheets to help students stay organized:

<p>RECORDING SHEET - page 1</p> <p>Goal #1</p> $2 \times \frac{1}{3} = \underline{\quad}$ 	<p>Goal #2</p> 	<p>Goal #3</p> <p>Show your work:</p> <p>Write an answer sentence: _____</p>	<p>Goal #4</p> <p>Complete the equations:</p> <p>_____</p> <p>_____</p> <p>Order the products from least to greatest:</p>	<p>Goal #5</p> <p>Complete the equations:</p> <p>_____</p> <p>_____</p> <p>Order the products from least to greatest:</p>
<p>Goal #6</p> <p>Show your work:</p> <p>Write an answer sentence: _____</p>	<p>Goal #7</p> 	<p>Goal #8</p> $4 \times \frac{2}{5} = \underline{\quad}$ 	<p>Goal #9</p> 	<p>Goal #10</p> 
<p>Goal #11</p> 	<p>Goal #12</p> 	<p>Goal #13</p> $3 \times \frac{2}{10} = \underline{\quad}$ 	<p>Goal #14</p> 	<p>Goal #15</p> <p>Show your work:</p> <p>Write an answer sentence: _____</p>
<p>Goal #16</p> 	<p>Goal #17</p> 	<p>Goal #18</p> 	<p>Goal #19</p> 	<p>Goal #20</p> $5 \times \frac{3}{7} = \underline{\quad}$ 

Answer keys to make self-checking a breeze!

<p>ANSWER KEY</p> <p>Goal #1</p> $2 \times \frac{1}{3} = \frac{2}{3}$ 	<p>Goal #2</p> 	<p>Goal #3</p> <p>Complete the equations:</p> $2 \times \frac{1}{2} = \frac{2}{2}$ $5 \times \frac{1}{2} = \frac{5}{2}$ $3 \times \frac{1}{2} = \frac{3}{2}$ <p>Order the products from least to greatest:</p> $\frac{2}{2} < \frac{3}{2} < \frac{5}{2}$	<p>Goal #4</p> <p>Show your work:</p> $6 \times \frac{1}{4} = \frac{6}{4}$ <p>Write an answer sentence: _____</p> <p>$\frac{6}{4}$ of a container of ice cream is eaten.</p> <p>$\frac{3}{2}$ of the second container will be left.</p>	<p>Goal #5</p> <p>Complete the equations:</p> $3 \times \frac{3}{8} = \frac{9}{8}$ $7 \times \frac{1}{3} = \frac{7}{3}$ $2 \times \frac{1}{3} = \frac{2}{3}$ <p>Order the products from least to greatest:</p> $\frac{2}{3} < \frac{7}{3} < \frac{9}{8}$	<p>Goal #6</p> $2 \times \frac{4}{6} = \frac{8}{6}$
<p>Goal #7</p> <p>Show your work:</p> $7 \times \frac{1}{3} = \frac{7}{3}$ <p>Write an answer sentence: _____</p> <p>Altogether, the appointments will take $\frac{7}{3}$ of an hour.</p>	<p>Goal #8</p> $3 \times \frac{3}{6} = \frac{9}{6}$	<p>Goal #9</p> 	<p>Goal #10</p> 	<p>Goal #11</p> 	<p>Goal #12</p> $4 \times \frac{2}{4} = \frac{8}{4}$
<p>Goal #13</p> $6 \times \frac{1}{2} = \frac{6}{2}$	<p>Goal #14</p> <p>Complete the equations:</p> $5 \times \frac{2}{4} = \frac{10}{4}$ $2 \times \frac{3}{5} = \frac{6}{5}$ $4 \times \frac{1}{4} = \frac{4}{4}$ <p>Order the products from least to greatest:</p> $\frac{6}{5} < \frac{4}{4} < \frac{10}{4}$	<p>Goal #15</p> 	<p>Goal #16</p> 	<p>Goal #17</p> <p>Show your work:</p>  <p>Write an answer sentence: _____</p> <p>In 3 days, the cat will eat $\frac{6}{10}$ cups of cat food.</p>	<p>Goal #18</p> $2 \times \frac{4}{8} = \frac{8}{8}$
<p>Goal #19</p> 	<p>Goal #20</p> $3 \times \frac{2}{6} = \frac{6}{6}$	<p>Goal #21</p> 	<p>Goal #22</p> 	<p>Goal #23</p> 	<p>Goal #24</p> $5 \times \frac{3}{7} = \frac{15}{7}$ 