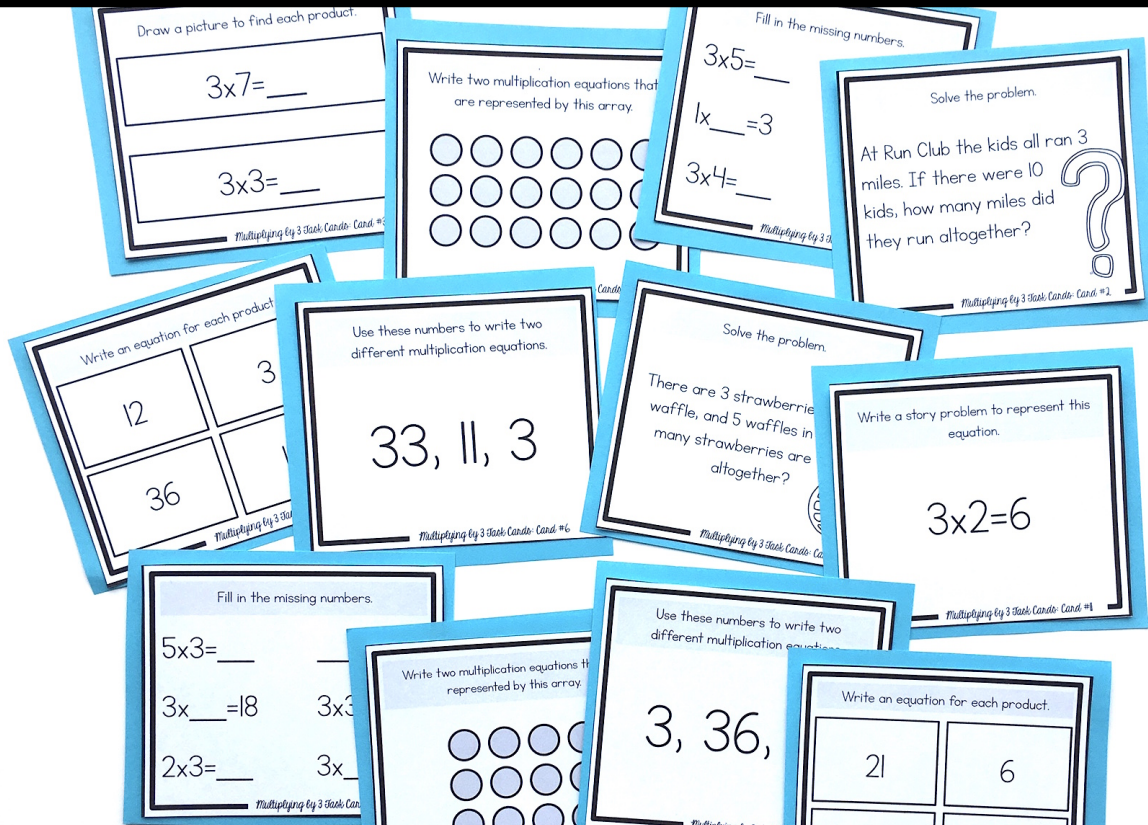


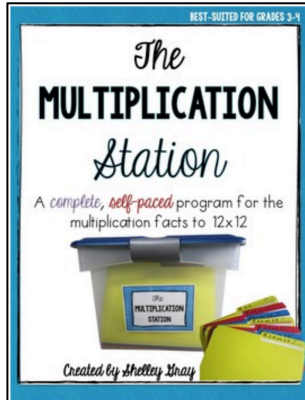
# MULTIPLYING BY THREE Task Cards



Created by Shelley Gray

# About this Resource

This resource includes 24 task cards to reinforce multiplying by 3. Students will use these task cards to practice the 3 times tables in a variety of different ways including: problem-solving, skip-counting, finding unknowns, arrays, picture representations, and more.



Are you looking for even more support with teaching multiplication in your classroom? You might be interested in the best-selling self-paced, student-centered Multiplication Station that will allow your students to master multiplication facts and strategies at their own pace. Find the Multiplication Station here:

<https://www.teacherspayteachers.com/Product/The-Multiplication-Station-A-Self-Paced-Program-for-Basic-Multiplication-Facts-198216>

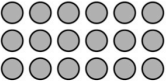


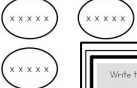
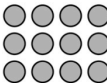
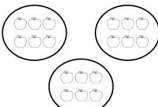



I'd love to help you get really strategic with your math instruction this year! Join me over on my website, [ShelleyGrayTeaching.com](http://shelleygrayteaching.com) for ideas, tips, and resources!

<http://shelleygrayteaching.com/>

# This resource includes...

Twenty-four task cards to that reinforce multiplication by 3 through problem-solving, skip-counting, finding unknowns, arrays, picture representations, and more.

<p>Write two multiplication equations that are represented by this array.</p>  <p><i>Multiplying by 3-Block Cards-Card #1</i></p>	<p>Solve the problem.</p> <p>At Run Club the kids all ran 3 miles. If there were 10 kids, how many miles did they run altogether?</p>  <p><i>Multiplying by 3-Block Cards-Card #2</i></p>	<p>Write a multiplication equation that is represented by each repeated addition equation.</p> <p><math>3+3+3+3+3+3=21</math></p> <p><math>3+3+3=9</math></p> <p><i>Multiplying by 3-Block Cards-Card #3</i></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p><math>3 \times 5 = \underline{\quad}</math></p> <p><i>Multiplying by 3-Block Cards-Card #4</i></p>				
<p>Draw a picture to find each product.</p> <p><math>3 \times 7 = \underline{\quad}</math></p> <p><math>3 \times 3 = \underline{\quad}</math></p> <p><i>Multiplying by 3-Block Cards-Card #5</i></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p><math>4 \times 3 = \underline{\quad}</math></p> <p><i>Multiplying by 3-Block Cards-Card #6</i></p>	<p>Solve the problem.</p> <p>It takes 3 cups of flour to make one batch of cookies. How many cups of flour would it take to make 4 batches?</p>  <p><i>Multiplying by 3-Block Cards-Card #7</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>8 \times 3 = 24</math></p> <p><math>3 \times 8 = 24</math></p> <p><i>Multiplying by 3-Block Cards-Card #8</i></p>				
<p>Fill in the missing numbers.</p> <p><math>3 \times 5 = \underline{\quad}</math>   <math>\underline{\quad} \times 3 = 21</math></p> <p><math>1 \times \underline{\quad} = 3</math>   <math>3 \times 8 = \underline{\quad}</math></p> <p><math>3 \times 4 = \underline{\quad}</math>   <math>3 \times \underline{\quad} = 30</math></p> <p><i>Multiplying by 3-Block Cards-Card #9</i></p>	<p>Use these numbers to write two different multiplication equations.</p> <p>33, 11, 3</p> <p><i>Multiplying by 3-Block Cards-Card #10</i></p>	<p>Fill in the missing numbers.</p> <p><math>4 \times 3 = \underline{\quad}</math>   <math>\underline{\quad} \times 3 = 36</math></p> <p><math>3 \times \underline{\quad} = 33</math>   <math>3 \times 3 = \underline{\quad}</math></p> <p><math>9 \times 3 = \underline{\quad}</math>   <math>7 \times \underline{\quad} = 21</math></p> <p><i>Multiplying by 3-Block Cards-Card #11</i></p>	<p>What multiplication equation does this picture represent?</p>  <p><i>Multiplying by 3-Block Cards-Card #12</i></p>				
<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>12</td> <td>3</td> </tr> <tr> <td>36</td> <td>15</td> </tr> </tbody> </table> <p><i>Multiplying by 3-Block Cards-Card #13</i></p>	12	3	36	15	<p>Fill in the missing numbers.</p> <p><math>5 \times 3 = \underline{\quad}</math>   <math>\underline{\quad} \times 3 = \underline{\quad}</math></p> <p><math>3 \times \underline{\quad} = 18</math>   <math>3 \times 3 = \underline{\quad}</math></p> <p><math>2 \times 3 = \underline{\quad}</math>   <math>3 \times \underline{\quad} = 3</math></p> <p><i>Multiplying by 3-Block Cards-Card #14</i></p>	<p>Write two multiplication equations that are represented by this array.</p>  <p><i>Multiplying by 3-Block Cards-Card #15</i></p>	<p>Explain:</p> <p>Explain the strategy that you use to solve a 3's multiplication equation.</p> <p><i>Multiplying by 3-Block Cards-Card #16</i></p>
12	3						
36	15						
<p>What multiplication equation does this picture represent?</p>  <p><i>Multiplying by 3-Block Cards-Card #17</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>3 \times 4 = 12</math></p> <p><math>4 \times 3 = 12</math></p> <p><i>Multiplying by 3-Block Cards-Card #18</i></p>	<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>21</td> <td>6</td> </tr> <tr> <td>30</td> <td>18</td> </tr> </tbody> </table> <p><i>Multiplying by 3-Block Cards-Card #19</i></p>	21	6	30	18	<p>Draw a picture to find each product.</p> <p><math>3 \times 4 = \underline{\quad}</math></p> <p><math>9 \times 3 = \underline{\quad}</math></p> <p><i>Multiplying by 3-Block Cards-Card #20</i></p>
21	6						
30	18						
<p>Write a story problem to represent this equation.</p> <p><math>3 \times 2 = 6</math></p> <p><i>Multiplying by 3-Block Cards-Card #21</i></p>	<p>Solve the problem.</p> <p>There are 3 strawberries on each waffle, and 5 waffles in all. How many strawberries are there altogether?</p>  <p><i>Multiplying by 3-Block Cards-Card #22</i></p>	<p>Use these numbers to write two different multiplication equations.</p> <p>3, 36, 12</p> <p><i>Multiplying by 3-Block Cards-Card #23</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>3 \times 10 = 30</math></p> <p><math>10 \times 3 = 30</math></p> <p><i>Multiplying by 3-Block Cards-Card #24</i></p>				


Recording sheets to help students stay organized:

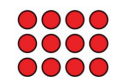

Recording Sheet - Page 2	1	10
	11	12
Show your work:		Write an answer sentence: _____
	13	14
Show your work:	15	16
Write an answer sentence: _____		

Recording Sheet - Page 3	17	18
$4 \times 3 = \underline{\quad}$ $\quad \times 3 = 36$		
$3 \times \underline{\quad} = 33$ $3 \times 3 = \underline{\quad}$	19	20
$9 \times 3 = \underline{\quad}$ $7 \times \underline{\quad} = 21$		
	21	22
		$3 \times 4 = \underline{\quad}$
		$9 \times 3 = \underline{\quad}$
	23	24

Recording Sheet - Page 1	1	2
		Show your work: _____ Write an answer sentence: _____
$3 \times 7 = \underline{\quad}$	3	4
$3 \times 3 = \underline{\quad}$		
$3 \times 5 = \underline{\quad}$ $\quad \times 3 = 21$	5	6
$1 \times \underline{\quad} = 3$ $3 \times 8 = \underline{\quad}$		
$3 \times 4 = \underline{\quad}$ $3 \times \underline{\quad} = 30$		
	7	8
		$5 \times 3 = \underline{\quad}$ $\quad \times 3 = 24$
		$3 \times \underline{\quad} = 18$ $3 \times 3 = \underline{\quad}$
		$2 \times 3 = \underline{\quad}$ $3 \times \underline{\quad} = 3$

Answer keys to make self-checking a breeze!

ANSWER KEY	1	2
$3 \times 6 = 18$ $6 \times 3 = 18$		Show your work: $10 \times 3 = 30$ Write an answer sentence: _____ Altogether they ran 30 miles.
$3 \times 7 = 21$ $3 \times 3 = 9$	3	4
		$3, 6, 9, 12$ OR $4, 8, 12$
$3 \times 5 = 15$ $7 \times 3 = 21$ $1 \times 3 = 3$ $3 \times 8 = 24$ $3 \times 4 = 12$ $3 \times 10 = 30$	5	6
		$3 \times 11 = 33$ $11 \times 3 = 33$
$3 \times 4 = 12$ $3 \times 1 = 3$ $3 \times 12 = 36$ $3 \times 5 = 15$	7	8
		$5 \times 3 = 15$ $8 \times 3 = 24$ $3 \times 6 = 18$ $3 \times 3 = 9$ $2 \times 3 = 6$ $3 \times 1 = 3$

ANSWER KEY	9	10
$3 \times 6 = 18$		
Ask your teacher to check this answer.	11	12
	Show your work: $3 \times 5 = 15$ Write an answer sentence: _____ There are 15 strawberries altogether.	
$7 \times 3 = 21$	13	14
		$3, 6, 9, 12, 15$ OR $5, 10, 15$
$3 \times 3 = 9$	15	16
Show your work: $4 \times 3 = 12$ Write an answer sentence: _____ I would take 12 cups of flour to make 4 batches of cookies.		

ANSWER KEY	17	18
$4 \times 3 = 12$ $12 \times 3 = 36$ $3 \times 11 = 33$ $3 \times 3 = 9$ $9 \times 3 = 27$ $7 \times 3 = 21$		$3 \times 5 = 15$
$3 \times 4 = 12$ $4 \times 3 = 12$	19	20
		I can use the addition doubles and then add one more group. For example, for $3 \times 4$ I can double the 4 to make 8, and then add one more group to make 12.
$3 \times 7 = 21$ $3 \times 2 = 6$	21	22
$3 \times 10 = 30$ $3 \times 6 = 18$		$3 \times 4 = 12$ $9 \times 3 = 27$
$3 \times 12 = 36$ $12 \times 3 = 36$	23	24
		