

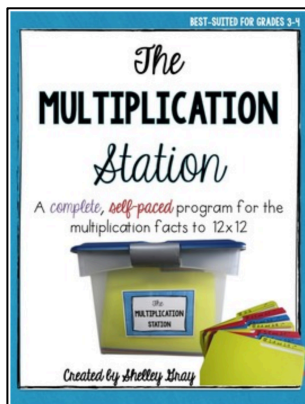
# MULTIPLYING BY FOUR Task Cards



Created by Shelley Gray

# About this Resource

This resource includes 24 task cards to reinforce multiplying by 4. Students will use these task cards to practice the 4 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>

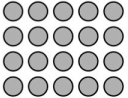


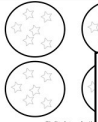


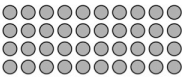


I'd love to help you get really strategic with your math instruction this year! Join me over on my website, ShelleyGrayTeaching.com for ideas, tips, and resources!

<http://shelleygrayteaching.com/>

# This resource includes...

Twenty-four task cards that reinforce multiplication by 4 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 4 Book Cards Card #1</i></p>	<p>Solve the problem.</p> <p>Daniel has 8 coins and his sister has 4 times as many. How many coins does Daniel's sister have?</p>  <p><i>Multiplying by 4 Book Cards Card #2</i></p>				
<p>Draw a picture to find each product.</p> <p><math>4 \times 8 = \underline{\quad}</math></p> <p><math>4 \times 4 = \underline{\quad}</math></p> <p><i>Multiplying by 4 Book Cards Card #3</i></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p><math>4 \times 9 = \underline{\quad}</math></p> <p><i>Multiplying by 4 Book Cards Card #4</i></p>				
<p>Fill in the missing numbers.</p> <p><math>2 \times 4 = \underline{\quad}</math>    <math>\underline{\quad} \times 4 = 40</math></p> <p><math>4 \times \underline{\quad} = 24</math>    <math>11 \times 4 = \underline{\quad}</math></p> <p><math>5 \times 4 = \underline{\quad}</math>    <math>3 \times \underline{\quad} = 12</math></p> <p><i>Multiplying by 4 Book Cards Card #5</i></p>	<p>Use these numbers to write two different multiplication equations.</p> <p>4, 48, 12</p> <p><i>Multiplying by 4 Book Cards Card #6</i></p>				
<p>Write a multiplication equation that is represented by each repeated addition equation.</p> <p><math>4 + 4 + 4 + 4 + 4 + 4 + 4 = 28</math></p> <p><math>4 + 4 + 4 = 12</math></p> <p><i>Multiplying by 4 Book Cards Card #7</i></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p><math>6 \times 4 = \underline{\quad}</math></p> <p><i>Multiplying by 4 Book Cards Card #8</i></p>				
<p>Solve the problem.</p> <p>There are 4 tomato plants growing in each pot. If there are 6 pots, how many tomato plants are there altogether?</p>  <p><i>Multiplying by 4 Book Cards Card #9</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>4 \times 8 = 32</math></p> <p><math>8 \times 4 = 32</math></p> <p><i>Multiplying by 4 Book Cards Card #10</i></p>				
<p>Fill in the missing numbers.</p> <p><math>4 \times 8 = \underline{\quad}</math>    <math>\underline{\quad} \times 4 = 12</math></p> <p><math>5 \times \underline{\quad} = 20</math>    <math>4 \times 12 = \underline{\quad}</math></p> <p><math>4 \times 2 = \underline{\quad}</math>    <math>4 \times \underline{\quad} = 16</math></p> <p><i>Multiplying by 4 Book Cards Card #11</i></p>	<p>What multiplication equation does this picture represent?</p>  <p><i>Multiplying by 4 Book Cards Card #12</i></p>				
<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>8</td> <td>36</td> </tr> <tr> <td>48</td> <td>24</td> </tr> </tbody> </table> <p><i>Multiplying by 4 Book Cards Card #13</i></p>	8	36	48	24	<p>Fill in the missing numbers.</p> <p><math>4 \times 0 = \underline{\quad}</math></p> <p><math>4 \times \underline{\quad} = 44</math>    <math>1 \times 4 = \underline{\quad}</math></p> <p><math>4 \times 4 = \underline{\quad}</math>    <math>4 \times \underline{\quad} = 36</math></p> <p><i>Multiplying by 4 Book Cards Card #14</i></p>
8	36				
48	24				
<p>What multiplication equation does this picture represent?</p>  <p><i>Multiplying by 4 Book Cards Card #15</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>4 \times 3 = 12</math></p> <p><math>3 \times 4 = 12</math></p> <p><i>Multiplying by 4 Book Cards Card #16</i></p>				
<p>Write a story problem to represent this equation.</p> <p><math>4 \times 5 = 20</math></p> <p><i>Multiplying by 4 Book Cards Card #17</i></p>	<p>Solve the problem.</p> <p>In one day, the dogs eat 4 cups of dog food. How many cups of food are needed to feed the dogs for 10 days?</p>  <p><i>Multiplying by 4 Book Cards Card #18</i></p>				
<p>Write two multiplication equations that are represented by this array.</p>  <p><i>Multiplying by 4 Book Cards Card #19</i></p>	<p>Explain.</p> <p>Explain the strategy that you use to solve a 4's multiplication equation.</p> <p><i>Multiplying by 4 Book Cards Card #20</i></p>				
<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>16</td> <td>32</td> </tr> <tr> <td>4</td> <td>40</td> </tr> </tbody> </table> <p><i>Multiplying by 4 Book Cards Card #21</i></p>	16	32	4	40	<p>Draw a picture to find each product.</p> <p><math>4 \times 7 = \underline{\quad}</math></p> <p><math>5 \times 4 = \underline{\quad}</math></p> <p><i>Multiplying by 4 Book Cards Card #22</i></p>
16	32				
4	40				
<p>Use these numbers to write two different multiplication equations.</p> <p>20, 5, 4</p> <p><i>Multiplying by 4 Book Cards Card #23</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>4 \times 6 = 24</math></p> <p><math>6 \times 4 = 24</math></p> <p><i>Multiplying by 4 Book Cards Card #24</i></p>				

Recording sheets to help students stay organized:



Recording Sheet - Page 1		1	2
Show your work		Write an answer sentence _____	
$4 \times 8 =$ _____		3	4
$4 \times 4 =$ _____			
$2 \times 4 =$ _____ $10 \times 4 = 40$		5	6
$4 \times \underline{\quad} = 24$ $11 \times 4 =$ _____			
$5 \times 4 =$ _____ $3 \times \underline{\quad} = 12$			
		7	8
$4 \times 0 =$ _____ $\underline{\quad} \times 4 = 8$			
$4 \times \underline{\quad} = 44$ $1 \times 4 =$ _____			
$4 \times 4 =$ _____ $4 \times \underline{\quad} = 36$			

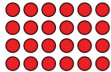
Recording Sheet - Page 2		9	10
Show your work		Write an answer sentence _____	
		11	12
		13	14
		15	16
Show your work		Write an answer sentence _____	

Recording Sheet - Page 3		17	18
$4 \times 8 =$ _____ $\underline{\quad} \times 4 = 12$			
$5 \times \underline{\quad} = 20$ $4 \times 12 =$ _____			
$4 \times 2 =$ _____ $4 \times \underline{\quad} = 16$		19	20
		21	22
		23	24

Answer keys to make self-checking a breeze!

ANSWER KEY		1	2
$4 \times 5 = 20$ $5 \times 4 = 20$	$4 \times 8 = 32$	Write an answer sentence _____ Daniel's sister has 32 coins.	
$4 \times 8 = 32$ 8 8 8 8	4, 8, 12, 16, 20, 24, 28, 32, 36	3	4
$4 \times 4 = 16$ 4 4 4 4	OR 9, 18, 27, 36		
$2 \times 4 = 8$ $10 \times 4 = 40$	$4 \times 12 = 48$ $12 \times 4 = 48$	5	6
$4 \times \underline{6} = 24$ $11 \times 4 = 44$			
$5 \times 4 = 20$ $3 \times \underline{4} = 12$			
$4 \times 2 = 8$ $9 \times 4 = 36$	$4 \times 0 = 0$ $\underline{2} \times 4 = 8$	7	8
$4 \times 12 = 48$ $4 \times 6 = 24$	$4 \times \underline{11} = 44$ $1 \times 4 = 4$		
	$4 \times 4 = 16$ $4 \times \underline{9} = 36$		

ANSWER KEY		9	10
$2 \times 4 = 8$		Write an answer sentence _____ 40 cups of food are needed to feed the dog for 10 days.	
Ask your teacher to check this answer.	$10 \times 4 = 40$	11	12
	4, 8, 12, 16, 20, 24		
$7 \times 4 = 28$	OR 6, 12, 18, 24	13	14
$3 \times 4 = 12$			
Show your work		15	16
$6 \times 4 = 24$			
Write an answer sentence _____ There are 24 banana plants altogether.			

ANSWER KEY		17	18
$4 \times 8 = 32$ $\underline{3} \times 4 = 12$	$4 \times 6 = 24$		
$5 \times \underline{4} = 20$ $4 \times 12 = 48$			
$4 \times 2 = 8$ $4 \times \underline{4} = 16$		19	20
$4 \times 10 = 40$ $10 \times 4 = 40$	I can double the double. For example, for $4 \times 5$ , I can double 5 to make 10, and then double the 10 to make 20.		
$4 \times 4 = 16$ $4 \times 8 = 32$	$4 \times 7 = 28$ 7 7 7 7	21	22
$4 \times 1 = 4$ $4 \times 10 = 40$	$5 \times 4 = 20$ 5 5 5 5		
$5 \times 4 = 20$ $4 \times 5 = 20$		23	24