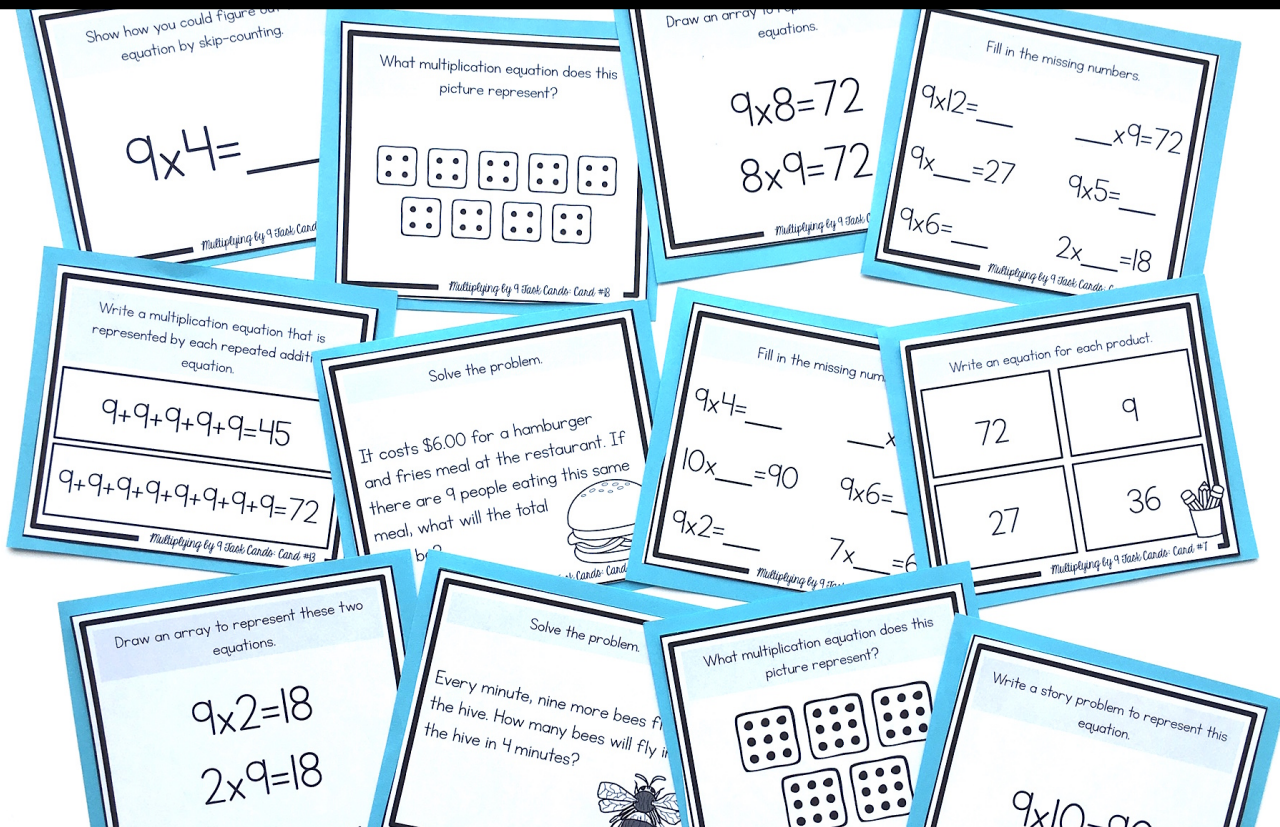


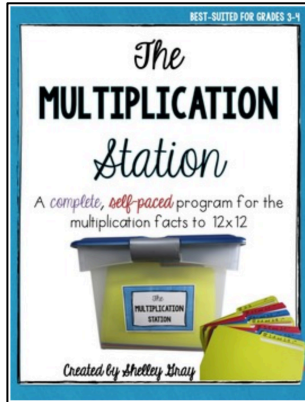
# MULTIPLYING BY NINE Task Cards



Created by Shelley Gray

# About this Resource

This resource includes 24 task cards to reinforce multiplying by 9. Students will use these task cards to practice the 9 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>





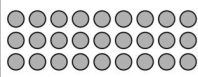
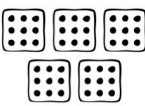



I'd love to help you get really strategic with your math instruction this year! Join me over on my website, ShelleyGrayTeaching.com for ideas, tips, and resources!

<http://shelleygrayteaching.com/>

# This resource includes...

Twenty-four task cards to that reinforce multiplication by 9 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 9 Task Cards Card #1</i></p>	<p>Solve the problem.</p> <p>Each person at the birthday party eats 2 pieces of cake. If there are 9 people altogether, how many pieces of cake did they eat in all?</p>  <p><i>Multiplying by 9 Task Cards Card #2</i></p>	<p>Write a multiplication equation that is represented by each repeated addition equation.</p> <p><math>9+9+9+9+9=45</math></p> <p><math>9+9+9+9+9+9+9=72</math></p> <p><i>Multiplying by 9 Task Cards Card #3</i></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p><math>9 \times 4 = \underline{\quad}</math></p> <p><i>Multiplying by 9 Task Cards Card #4</i></p>				
<p>Draw a picture to find each product.</p> <p><math>9 \times 7 = \underline{\quad}</math></p> <p><math>4 \times 9 = \underline{\quad}</math></p> <p><i>Multiplying by 9 Task Cards Card #5</i></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p><math>9 \times 3 = \underline{\quad}</math></p> <p><i>Multiplying by 9 Task Cards Card #6</i></p>	<p>Solve the problem.</p> <p>It costs \$6.00 for a hamburger and fries meal at the restaurant. If there are 9 people eating this same meal, what will the total cost be?</p>  <p><i>Multiplying by 9 Task Cards Card #7</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>9 \times 8 = 72</math></p> <p><math>8 \times 9 = 72</math></p> <p><i>Multiplying by 9 Task Cards Card #8</i></p>				
<p>Fill in the missing numbers.</p> <p><math>9 \times 7 = \underline{\quad}</math>    <math>\underline{\quad} \times 1 = 9</math></p> <p><math>3 \times \underline{\quad} = 27</math>    <math>9 \times 4 = \underline{\quad}</math></p> <p><math>9 \times 9 = \underline{\quad}</math>    <math>5 \times \underline{\quad} = 45</math></p> <p><i>Multiplying by 9 Task Cards Card #9</i></p>	<p>Use these numbers to write two different multiplication equations.</p> <p>99, 9 11</p> <p><i>Multiplying by 9 Task Cards Card #10</i></p>	<p>Fill in the missing numbers.</p> <p><math>9 \times 4 = \underline{\quad}</math>    <math>\underline{\quad} \times 9 = 99</math></p> <p><math>10 \times \underline{\quad} = 90</math>    <math>9 \times 6 = \underline{\quad}</math></p> <p><math>9 \times 2 = \underline{\quad}</math>    <math>7 \times \underline{\quad} = 63</math></p> <p><i>Multiplying by 9 Task Cards Card #11</i></p>	<p>What multiplication equation does this picture represent?</p>  <p><i>Multiplying by 9 Task Cards Card #12</i></p>				
<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>72</td> <td>9</td> </tr> <tr> <td>27</td> <td>36</td> </tr> </tbody> </table> <p><i>Multiplying by 9 Task Cards Card #13</i></p>	72	9	27	36	<p>Write an equation for each product.</p> <p><math>9 \times 12 = \underline{\quad}</math></p> <p><math>9 \times \underline{\quad} = 27</math>    <math>9 \times 5 = \underline{\quad}</math></p> <p><math>9 \times 6 = \underline{\quad}</math>    <math>2 \times \underline{\quad} = 18</math></p> <p><i>Multiplying by 9 Task Cards Card #14</i></p>	<p>Write two multiplication equations that are represented by this array.</p>  <p><i>Multiplying by 9 Task Cards Card #15</i></p>	<p>Explain</p> <p>Explain the strategy that you would use to solve this equation: <math>9 \times 3 = \underline{\quad}</math>.</p> <p><i>Multiplying by 9 Task Cards Card #16</i></p>
72	9						
27	36						
<p>What multiplication equation does this picture represent?</p>  <p><i>Multiplying by 9 Task Cards Card #17</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>9 \times 2 = 18</math></p> <p><math>2 \times 9 = 18</math></p> <p><i>Multiplying by 9 Task Cards Card #18</i></p>	<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>90</td> <td>54</td> </tr> <tr> <td>18</td> <td>99</td> </tr> </tbody> </table> <p><i>Multiplying by 9 Task Cards Card #19</i></p>	90	54	18	99	<p>Draw a picture to find each product.</p> <p><math>9 \times 9 = \underline{\quad}</math></p> <p><math>3 \times 9 = \underline{\quad}</math></p> <p><i>Multiplying by 9 Task Cards Card #20</i></p>
90	54						
18	99						
<p>Write a story problem to represent this equation.</p> <p><math>9 \times 10 = 90</math></p> <p><i>Multiplying by 9 Task Cards Card #21</i></p>	<p>Solve the problem.</p> <p>Every minute, nine more bees fly into the hive. How many bees will fly into the hive in 4 minutes?</p>  <p><i>Multiplying by 9 Task Cards Card #22</i></p>	<p>Use these numbers to write two different multiplication equations.</p> <p>9, 108, 12</p> <p><i>Multiplying by 9 Task Cards Card #23</i></p>	<p>Draw an array to represent these two equations.</p> <p><math>9 \times 3 = 27</math></p> <p><math>3 \times 9 = 27</math></p> <p><i>Multiplying by 9 Task Cards Card #24</i></p>				

## Recording sheets to help students stay organized:

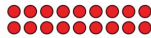
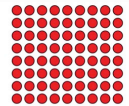
Recording Sheet - Page 1		1	2
Show your work		Write an answer sentence _____	
$9 \times 7 =$		3	4
$4 \times 9 =$			
$9 \times 7 =$ $9 \times 1 = 9$		5	6
$3 \times 9 = 27$ $9 \times 4 =$			
$9 \times 9 =$ $5 \times 9 = 45$			
		7	8
	$9 \times 12 =$ $8 \times 9 = 72$		
	$9 \times 3 = 27$ $9 \times 5 =$		
	$9 \times 6 =$ $2 \times 9 = 18$		

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
$9 \times 4 =$ $11 \times 9 = 99$			
$10 \times 9 = 90$ $9 \times 6 =$			
$9 \times 2 =$ $7 \times 9 = 63$		19	20
		21	22
		23	24

## Answer keys to make self-checking a breeze!

ANSWER KEY		1	2
$9 \times 4 = 36$ $4 \times 9 = 36$		Write an answer sentence They ate 18 pieces of cake in all.	
$9 \times 7 = 63$ $4 \times 9 = 36$		3	4
$3, 6, 9, 12, 15, 18, 21, 24, 27$ OR $9, 18, 27$			
$9 \times 7 = 63$ $9 \times 1 = 9$		5	6
$3 \times 9 = 27$ $9 \times 4 = 36$		$9 \times 11 = 99$ $11 \times 9 = 99$	
$9 \times 9 = 81$ $5 \times 9 = 45$			
$9 \times 8 = 72$ $9 \times 1 = 9$		7	8
$9 \times 3 = 27$ $9 \times 4 = 36$		$9 \times 12 = 108$ $8 \times 9 = 72$ $9 \times 3 = 27$ $9 \times 5 = 45$ $9 \times 6 = 54$ $2 \times 9 = 18$	

ANSWER KEY		9	10
$5 \times 9 = 45$			
Ask your teacher to check this answer.		11	12
$4 \times 9 = 36$		Write an answer sentence In 4 minutes, 36 bees will fly into the hive.	
$5 \times 9 = 45$		13	14
$8 \times 9 = 72$		$4, 8, 12, 16, 20, 24, 28, 32, 36$ OR $9, 18, 27, 36$	
Show your work		15	16
$9 \times 6 = 54$			
Write an answer sentence The total cost will be \$5100.			

ANSWER KEY		17	18
$9 \times 4 = 36$ $11 \times 9 = 99$		$9 \times 4 = 36$	
$10 \times 9 = 90$ $9 \times 6 = 54$			
$9 \times 2 = 18$ $7 \times 9 = 63$		19	20
$9 \times 3 = 27$ $3 \times 9 = 27$		Answers will vary Ask your teacher to check this answer.	
$9 \times 10 = 90$ $9 \times 6 = 54$		21	22
$9 \times 2 = 18$ $9 \times 11 = 99$		$9 \times 9 = 81$ $3 \times 9 = 27$	
		23	24
$9 \times 12 = 108$ $12 \times 9 = 108$		