

MULTIPLYING BY ELEVEN Task Cards

$11 \times 3 = \underline{\quad}$ $\underline{\quad} \times 11 = 11$
 $11 \times \underline{\quad} = 77$ $11 \times 2 = \underline{\quad}$
 $11 \times 5 = \underline{\quad}$ $8 \times \underline{\quad} = \underline{\quad}$

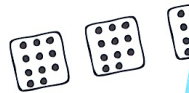
Multiplying by 11 Task Cards: Card #1

Draw an array to represent these equations.

$11 \times 7 = 77$
 $7 \times 11 = 77$

Multiplying by 11 Task Cards: Card #10

picture 10



Multiplying by 11 Task Cards: Card #11

Solve the problem.

The dog walker walks 11 dogs each day. How many dogs will she walk in 10 days?



Multiplying by 11 Task Cards: Card #12

Write a story problem to represent this equation.

$11 \times 11 = 121$

Multiplying by 11 Task Cards: Card #13

Write an equation for each product.

110

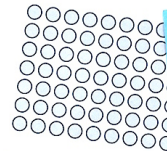
44

99

11

Multiplying by 11 Task Cards: Card #14

Write two multiplication equations that are represented by this array.



Multiplying by 11 Task Cards: Card #15

Draw a picture to find each product.

$11 \times 5 = \underline{\quad}$

$7 \times 11 = \underline{\quad}$

Multiplying by 11 Task Cards: Card #16

Fill in the missing numbers.

$11 \times 2 = \underline{\quad}$

$\underline{\quad} \times 11 = 99$

$4 \times \underline{\quad} = 44$

$11 \times 6 = \underline{\quad}$

$11 \times 11 = \underline{\quad}$

$7 \times \underline{\quad} = 77$

Solve the problem.

In one day, the hairdressers at the salon do 11 haircuts. If they do the same amount of haircuts how many would

Show how you could figure out this equation by skip-counting.

$11 \times 5 = \underline{\quad}$

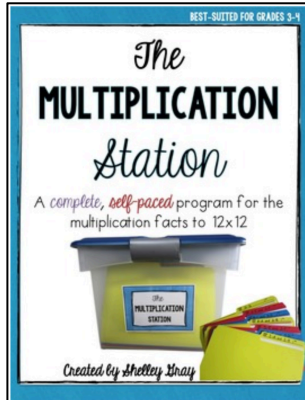
Use these numbers to write two different multiplication equations.

11, 33, 3

Created by Shelley Gray

About this Resource

This resource includes 24 task cards to reinforce multiplying by 11. Students will use these task cards to practice the 11 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>

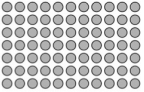


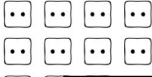


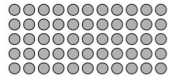




I'd love to help you get really strategic with your math instruction this year! Join me over on my website, ShelleyGrayTeaching.com for ideas, tips, and resources!

<http://shelleygrayteaching.com/>

This resource includes...

Twenty-four task cards to that reinforce multiplication by 11 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><small>Multiplying by 11 Book Cards Card #1</small></p>	<p>Solve the problem.</p> <p>In one day, the hairdressers at the salon do 11 haircuts. If they do the same amount of haircuts each day, how many would they do in 9 days?</p>  <p><small>Multiplying by 11 Book Cards Card #2</small></p>	<p>Write a multiplication equation that is represented by each repeated addition equation.</p> <p>$11+11=33$</p> <p>$11+11+11+11+11=77$</p> <p><small>Multiplying by 11 Book Cards Card #3</small></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p>$11 \times 6 = \underline{\quad}$</p> <p><small>Multiplying by 11 Book Cards Card #4</small></p>				
<p>Draw a picture to find each product.</p> <p>$11 \times 5 = \underline{\quad}$</p> <p>$7 \times 11 = \underline{\quad}$</p> <p><small>Multiplying by 11 Book Cards Card #5</small></p>	<p>Show how you could figure out this equation by skip-counting.</p> <p>$11 \times 5 = \underline{\quad}$</p> <p><small>Multiplying by 11 Book Cards Card #6</small></p>	<p>Solve the problem.</p> <p>It takes 3 balls of yarn to knit one sweater. How many balls of yarn will it take to knit 11 sweaters?</p>  <p><small>Multiplying by 11 Book Cards Card #7</small></p>	<p>Draw an array to represent these two equations.</p> <p>$11 \times 10 = 110$</p> <p>$10 \times 11 = 110$</p> <p><small>Multiplying by 11 Book Cards Card #8</small></p>				
<p>Fill in the missing numbers.</p> <p>$11 \times 2 = \underline{\quad}$ $\underline{\quad} \times 11 = 99$</p> <p>$4 \times \underline{\quad} = 44$ $11 \times 6 = \underline{\quad}$</p> <p>$11 \times 11 = \underline{\quad}$ $7 \times \underline{\quad} = 77$</p> <p><small>Multiplying by 11 Book Cards Card #9</small></p>	<p>Use these numbers to write two different multiplication equations.</p> <p>11, 33, 3</p> <p><small>Multiplying by 11 Book Cards Card #10</small></p>	<p>Fill in the missing numbers.</p> <p>$11 \times 4 = \underline{\quad}$ $\underline{\quad} \times 11 = 22$</p> <p>$8 \times \underline{\quad} = 88$ $11 \times 10 = \underline{\quad}$</p> <p>$12 \times 11 = \underline{\quad}$ $5 \times \underline{\quad} = 55$</p> <p><small>Multiplying by 11 Book Cards Card #11</small></p>	<p>What multiplication equation does this picture represent?</p>  <p><small>Multiplying by 11 Book Cards Card #12</small></p>				
<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>110</td> <td>44</td> </tr> <tr> <td>99</td> <td>11</td> </tr> </tbody> </table>  <p><small>Multiplying by 11 Book Cards Card #13</small></p>		110	44	99	11	<p>Write an equation for each product.</p> <p>$11 \times 3 = \underline{\quad}$ $\underline{\quad} \times 11 = 11$</p> <p>$11 \times \underline{\quad} = 77$ $11 \times 12 = \underline{\quad}$</p> <p>$11 \times 5 = \underline{\quad}$ $8 \times \underline{\quad} = 88$</p> <p><small>Multiplying by 11 Book Cards Card #14</small></p>	
110	44						
99	11						
<p>What multiplication equation does this picture represent?</p>  <p><small>Multiplying by 11 Book Cards Card #15</small></p>	<p>Draw an array to represent these two equations.</p> <p>$11 \times 7 = 77$</p> <p>$7 \times 11 = 77$</p> <p><small>Multiplying by 11 Book Cards Card #16</small></p>	<p>Write two multiplication equations that are represented by this array.</p>  <p><small>Multiplying by 11 Book Cards Card #17</small></p>	<p>Explain.</p> <p>Explain the strategy that you would use to solve this equation: $11 \times 11 = \underline{\quad}$</p> <p><small>Multiplying by 11 Book Cards Card #18</small></p>				
<p>Write a story problem to represent this equation.</p> <p>$11 \times 11 = 121$</p> <p><small>Multiplying by 11 Book Cards Card #19</small></p>	<p>Solve the problem.</p> <p>The dog walker walks 11 dogs each day. How many dogs will she walk in 10 days?</p>  <p><small>Multiplying by 11 Book Cards Card #20</small></p>	<p>Write an equation for each product.</p> <table border="1"> <tbody> <tr> <td>33</td> <td>77</td> </tr> <tr> <td>22</td> <td>99</td> </tr> </tbody> </table>  <p><small>Multiplying by 11 Book Cards Card #21</small></p>	33	77	22	99	<p>Draw a picture to find each product.</p> <p>$11 \times 2 = \underline{\quad}$</p> <p>$8 \times 11 = \underline{\quad}$</p> <p><small>Multiplying by 11 Book Cards Card #22</small></p>
33	77						
22	99						
		<p>Use these numbers to write two different multiplication equations.</p> <p>4, 11, 44</p> <p><small>Multiplying by 11 Book Cards Card #23</small></p>	<p>Draw an array to represent these two equations.</p> <p>$11 \times 8 = 88$</p> <p>$8 \times 11 = 88$</p> <p><small>Multiplying by 11 Book Cards Card #24</small></p>				

Recording sheets to help students stay organized:

Recording Sheet - Page 1		1	2
Show your work		Write an answer sentence _____	
11x5=		3	4
7x11=			
11x2=	9x11=99	5	6
4x=44	11x6=		
11x11=	7x=77		
		7	8
	11x3=	1x11=11	
	11x=77	11x12=	
	11x5=	8x=88	

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
11x4=		2x11=22	
8x=88	11x10=		
12x11=	5x=55		
		19	20
		21	22
	1x2=		
	8x11=		
		23	24

Answer keys to make self-checking a breeze!

ANSWER KEY		1	2
11x7=77 7x11=77		9x11=99 Write an answer sentence In 9 days, they would do 99 haircuts.	
11x5=55 	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55 OR 11, 22, 33, 44, 55	3	4
7x11=77 			
11x2=22 9x11=99 4x=44 11x6=66 11x11=121 7x=77	11x3=33 3x11=33	5	6
11x10=110 11x4=44 11x9=99 11x1=11	11x3=33 1x11=11 11x7=77 11x12=132 11x5=55 8x=88	7	8

ANSWER KEY		9	10
3x11=33			
Ask your teacher to check this answer.		11	12
10x11=110 Write an answer sentence She will walk 110 dogs in 10 days.			
3x11=33	11, 22, 33, 44, 55, 66	13	14
7x11=77	OR 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66		
Show your work		15	16
11x3=33 Write an answer sentence It will take 33 balls of yarn to knit 33 sweaters.			

ANSWER KEY		17	18
11x4=44 2x11=22		11x2=22	
8x=88 11x10=110			Answers will vary. Ask your teacher to check this answer.
12x11=132 5x=55	11x5=55 5x11=55		
		19	20
		21	22
3x11=33 7x11=77	1x2=22 		
2x11=22 9x11=99	8x11=88 		
		23	24
4x11=44 11x4=44			