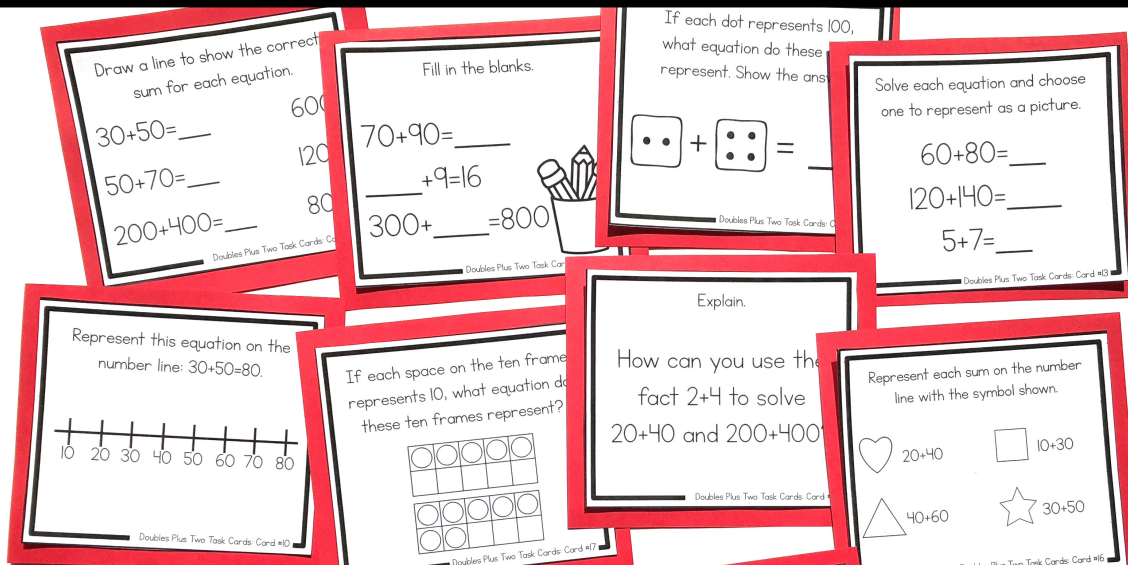


## ADDITION STRATEGIES

### Task Cards:

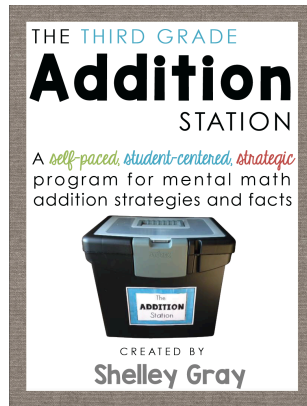
# DOUBLES PLUS TWO AND EXTENSIONS

*Sums to 1000*



# About this Resource

This resource includes 24 task cards to reinforce the Doubles Plus Two addition facts. In this set, the Doubles Plus Two facts will be extended to the tens and hundreds as well. For example, students will learn to use a fact like  $3+5$  to solve  $30+50$ , or  $300+500$ . Students will use these task cards to practice this concept in a variety of different ways, including ten frames, missing addends, number lines, problem-solving, and more.



Are you looking for even more support with teaching addition strategies in your classroom? The Addition Station will transform your teaching, allowing your students to master addition facts and strategies at their own pace. Find the Addition Station here:

<https://www.teacherspayteachers.com/Product/The-Addition-Station-First-Grade-1781284>








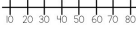


I'd love to help you get really strategic with your math instruction this year! Join me over on my website, [ShelleyGrayTeaching.com](http://shelleygrayteaching.com) for ideas, tips, and resources!







<http://shelleygrayteaching.com/>




# This resource includes...

Twenty-four task cards to practice the doubles plus two (and extensions) strategy in a variety of different ways:

<p>Write the sums.</p> $50+70=$ $10+12=$ $300+500=$ 	<p>Explain.</p> <p>How can you use the fact <math>2+4</math> to solve <math>20+40</math> and <math>200+400</math>?</p>						
<p>Fill in the blanks.</p> $70+90=$ $\_\_\_+9=16$ $300+\_\_\_=800$ 	<p>Draw a line to show the correct sum for each equation.</p> $30+50=$ $600$ $50+70=$ $120$ $200+400=$ $80$						
<p>Solve the problem.</p> <p>There are 40 trees in the first row, and 60 trees in the second row. How many trees are there altogether?</p> 	<p>Sort these facts into the table on your recording sheet.</p> <table border="1"> <tr> <td><math>300+500</math></td> <td><math>200+400</math></td> </tr> <tr> <td><math>10+12</math></td> <td><math>6+8</math></td> </tr> <tr> <td><math>50+70</math></td> <td><math>70+90</math></td> </tr> </table>	$300+500$	$200+400$	$10+12$	$6+8$	$50+70$	$70+90$
$300+500$	$200+400$						
$10+12$	$6+8$						
$50+70$	$70+90$						

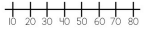

<p>Solve each equation and choose one to represent as a picture.</p> $400+600=$ $12+4=$ $80+100=$ 	<p>Circle the facts with a sum less than 200.</p> $50+70$ $100+20$ $3+5$ $20+40$ $30+50$ $200+400$
<p>If each dot represents 100, what equation do these dice represent. Show the answer.</p> 	<p>Represent this equation on the number line: <math>30+50=80</math></p> 
<p>Solve the problem.</p> <p>The dragonfly eats 30 mosquitoes. Then it eats another 50 mosquitoes. How many mosquitoes did the dragonfly eat in all?</p> 	<p>Solve:</p> $60+80=$ $70+90=$ $100+300=$ 

<p>Solve each equation and choose one to represent as a picture.</p> $60+80=$ $120+140=$ $5+7=$	<p>Fill in the blanks.</p> $2+4=$ $3+5=$ $20+40=$ $30+50=$ $200+400=$ $300+500=$
<p>Answer the question.</p> <p>What could I add to 30 to make 80?</p> 	<p>Represent each sum on the number line with the symbol shown.</p>  $20+40$  $10+30$  $40+60$  $30+50$
<p>If each space on the ten frames represents 10, what equation do these ten frames represent?</p> 	<p>Solve the equations.</p> $50+70=$ $30+50=$ $20+40=$ $100+300=$ $80+100=$ $300+500=$

<p>Fill in the blanks.</p> $5+7=$ $50+70=$ $2+4=$ $20+40=$ $200+400=$	<p>Circle the facts that have a sum greater than 250.</p> $50+70$ $400+600$ $20+40$ $300+500$ $12+4$ $70+90$								
<p>Fill in the doubles chart.</p> <table border="1"> <thead> <tr> <th>Number</th> <th>The Double Plus Two</th> </tr> </thead> <tbody> <tr> <td>6</td> <td></td> </tr> <tr> <td>10</td> <td></td> </tr> <tr> <td>7</td> <td></td> </tr> </tbody> </table>	Number	The Double Plus Two	6		10		7		<p>Solve:</p> $3+5=$ $300+500=$ $60+80=$ 
Number	The Double Plus Two								
6									
10									
7									
<p>Solve the problem.</p> <p>There are 9 donuts in the first box, and 11 donuts in the second box. How many donuts are there altogether?</p> 	<p>Draw base 10 blocks to represent this equation.</p> $6+8=$ 								

Recording sheets to keep students organized.

<p>Recording Sheet - Page 1</p> $50+70=$ $10+12=$ $300+500=$	<p>2</p>
<p>7</p> $70+90=$ $\_\_\_+9=16$ $300+\_\_\_=800$	<p>8</p> $30+50=$ $600$ $50+70=$ $120$ $200+400=$ $80$
<p>Show your work</p> <p>Write an answer sentence</p>	<p>Equations with sums less than 50</p> <p>Equations with sums more than 50</p>
<p>Solve:</p> $50+70$ $100+20$ $3+5$ <p>Draw:</p> $20+40$ $30+50$ $200+400$	<p>8</p>

<p>Recording Sheet - Page 2</p> $\_\_\_ + \_\_\_ = \_\_\_$ 	<p>10</p>
<p>Show your work</p> <p>Write an answer sentence</p>	<p>6</p> $60+80=$ $70+90=$ $100+300=$
<p>Solve:</p> $2+4=$ $3+5=$ $20+40=$ $30+50=$ $200+400=$ $300+500=$	<p>11</p>
<p>Draw:</p> 	<p>16</p>

<p>Recording Sheet - Page 3</p> $\_\_\_ + \_\_\_ = \_\_\_$	<p>17</p>						
<p>5</p> $5+7=$ $50+70=$ $2+4=$ $20+40=$ $200+400=$	<p>18</p> $50+70=$ $30+50=$ $20+40=$ $100+300=$ $80+100=$ $300+500=$						
<p>Number</p> <table border="1"> <tr> <td>6</td> <td></td> </tr> <tr> <td>10</td> <td></td> </tr> <tr> <td>7</td> <td></td> </tr> </table>	6		10		7		<p>20</p> $3+5=$ $300+500=$ $60+80=$
6							
10							
7							
<p>Show your work</p> <p>Write an answer sentence</p>	<p>23</p> <p>24</p>						

# Answer keys to make self-checking a breeze!

<p><b>ANSWER KEY</b></p> <p>50+70= <u>120</u></p> <p>10+12= <u>22</u></p> <p>300+500= <u>800</u></p>	<p>If 2+4=6, I know that 2 groups of 10 plus 4 groups of 10 makes 6 groups of 10. I know that 2 groups of 100 plus 4 groups of 100 makes 6 groups of 100.</p>								
<p>70+90= <u>160</u></p> <p><u>7</u> +9=16</p> <p>300+<u>500</u>=800</p>	<p>30+50= <del>600</del></p> <p>50+70= <del>120</del></p> <p>200+400= <del>80</del></p>								
<p>Show your work:</p> <p>40+60=100</p> <p>Write an answer sentence: There are 100 trees altogether.</p>	<table border="1"> <tr> <th>Equations with sums less than 50</th> <th>Equations with sums more than 50</th> </tr> <tr> <td>10+12</td> <td>300+500</td> </tr> <tr> <td>6+8</td> <td>200+400</td> </tr> <tr> <td>50+70</td> <td>70+90</td> </tr> </table>	Equations with sums less than 50	Equations with sums more than 50	10+12	300+500	6+8	200+400	50+70	70+90
Equations with sums less than 50	Equations with sums more than 50								
10+12	300+500								
6+8	200+400								
50+70	70+90								
<p>Solve</p> <p>400+500=900</p> <p>15+4=19</p> <p>80+100=180</p> <p>Draw:</p> <p>Ask your teacher to check this answer.</p>	<p>50+70    100+20    3+5</p> <p>20+40    30+50    200+400</p>								

<p><b>ANSWER KEY</b></p> <p><u>200 + 400 = 600</u></p>	<p>30+50=80</p>
<p>Show your work:</p> <p>30+50=80</p> <p>Write an answer sentence: The dragonfly ate 80 mosquitoes in all.</p>	<p>60+80= <u>140</u></p> <p>70+90= <u>160</u></p> <p>100+300= <u>400</u></p>
<p>Solve:</p> <p>50+80=130</p> <p>120+140=260</p> <p>5+7=12</p> <p>Draw:</p> <p>Ask your teacher to check this answer.</p>	<p>2+4= <u>6</u></p> <p>3+5= <u>8</u></p> <p>20+40= <u>60</u></p> <p>30+50= <u>80</u></p> <p>200+400= <u>600</u></p> <p>300+500= <u>800</u></p>
<p>I could add 50 to 30 to make 80.</p>	

<p><b>ANSWER KEY</b></p> <p><u>50 + 70 = 120</u></p>	<p>50+70= <u>120</u></p> <p>30+50= <u>80</u></p> <p>20+40= <u>60</u></p> <p>100+300= <u>400</u></p> <p>80+100= <u>180</u></p> <p>300+500= <u>800</u></p>								
<p>5+7= <u>12</u></p> <p>2+4= <u>6</u></p> <p>50+70= <u>120</u></p> <p>20+40= <u>60</u></p> <p>200+400= <u>600</u></p>	<p>50+70    400+600    20+40</p> <p>300+500    12+14    70+90</p>								
<table border="1"> <tr> <th>Number</th> <th>The Double Plus Two</th> </tr> <tr> <td>6</td> <td>14</td> </tr> <tr> <td>10</td> <td>22</td> </tr> <tr> <td>7</td> <td>16</td> </tr> </table>	Number	The Double Plus Two	6	14	10	22	7	16	<p>3+5= <u>8</u></p> <p>300+500= <u>800</u></p> <p>60+80= <u>140</u></p>
Number	The Double Plus Two								
6	14								
10	22								
7	16								
<p>Show your work:</p> <p>9+1=20</p> <p>Write an answer sentence: There are 20 donuts altogether.</p>									