

Math Strategies

Grade Level: Second Grade


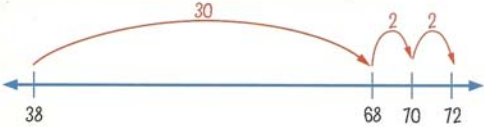

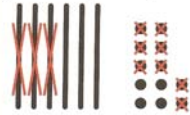
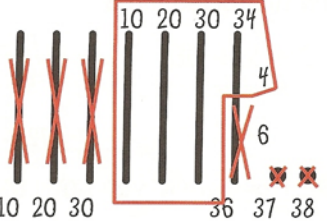

ADDITION

Addition Strategy	Problem	Example																																																																																																				
<p>Adding by Place</p>	<p>38 + 23</p>	<p>38 + 23 = 61</p> <p>30 + 20 = 50 8 + 3 = 11</p> <p>50 + 10 = 60 60 + 1 = 61</p> <p>38 + 23 = ____ 30 + 20 = 50 8 + 3 = 11 50 + 11 = 61</p>																																																																																																				
<p>Keeping One Number Whole</p>	<p>38 + 23</p>	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td></tr> <tr><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td></tr> <tr><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td></tr> <tr><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td></tr> <tr><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td></tr> <tr><td>81</td><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td><td>89</td><td>90</td></tr> <tr><td>91</td><td>92</td><td>93</td><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td><td>99</td><td>100</td></tr> </table> <p>+20 +3</p> <p>38 + 23 = 61</p> <p>38 + 23 = <u>61</u></p> <p>38 + 20 = 58 58 + 3 = 61</p> <p>38 + 23 = <u>61</u></p> <p>38 + 20 = 58 58 + 3 = 61</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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SUBTRACTION

Subtraction Strategy	Problem	Example
<p>Adding Up</p>	<p>72 - 38</p>	<p style="text-align: center;">72 - 38 is the same as 38 + ____ = 72</p> <p>Anita used the 100 chart to add up.</p> <p>$10 + 10 + 10 + 4 = 34$</p>  <p>Henry kept adding 10 until he got close to 72.</p> $\begin{aligned} 38 + 10 &= 48 \\ 48 + 10 &= 58 \\ 58 + 10 &= 68 \\ 68 + 4 &= 72 \end{aligned}$ <p style="text-align: right;">$10 + 10 + 10 + 4 = 34$</p> <p>Lonzell used the number line to add up.</p>  <p style="text-align: right;">$30 + 2 + 2 = 34$</p>
<p>Subtracting One Number in Parts</p>	<p>72 - 38</p>	<p>Amaya drew 72 stickers.</p>  <p>To cross out 38, she had to change one strip to singles.</p>  <p>She counted how many were left. "10, 20, 30, and 4 more is 34."</p> <p>Roshaun drew 72 stickers, crossed out 38, and counted how many were left.</p>  <p>Tia used the 100 chart. She started at 72 and counted back 38. She subtracted 2 first, then 30, then 6 more. 34 were left.</p> <p>$72 - 38 = 34$</p>  <p>$72 - 38 = \underline{\quad}$</p> $\begin{aligned} 72 - 2 &= 70 \\ 70 - 30 &= 40 \\ 40 - 6 &= 34 \end{aligned}$ 