

Math Sheet

Name _____ Score _____ / 42 Teacher _____ Date _____

Estimating sums and differences

Round both operands to the nearest tens, then add the rounded operands to estimate. Round halfway values upward.

1.

Original

66 ->
+ 92 ->

Rounded

+ _____

Estimate

2.

Original

39 ->
+ 34 ->

Rounded

+ _____

Estimate

3.

Original

80 ->
+ 31 ->

Rounded

+ _____

Estimate

4.

Original

74 ->
+ 33 ->

Rounded

+ _____

Estimate

5.

Original

50 ->
+ 51 ->

Rounded

+ _____

Estimate

6.

Original

42 ->
+ 15 ->

Rounded

+ _____

Estimate

7.

Original

10 ->
+ 67 ->

Rounded

+ _____

Estimate

8.

Original

82 ->
+ 80 ->

Rounded

+ _____

Estimate

9.

Original

21 ->
+ 79 ->

Rounded

+ _____

Estimate

10.

Original

83 ->
+ 71 ->

Rounded

+ _____

Estimate

11.

Original

19 ->
+ 33 ->

Rounded

+ _____

Estimate

12.

Original

96 ->
+ 49 ->

Rounded

+ _____

Estimate

13.

Original

66 ->
+ 66 ->

Rounded

+ _____

Estimate

14.

Original

79 ->
+ 97 ->

Rounded

+ _____

Estimate

Math Sheet

Name _____ Score _____ / 42 Teacher _____ Date _____

Estimating sums and differences

Answer key

Round both operands to the nearest tens, then add the rounded operands to estimate. Round halfway values upward.

1.	<table><tr><th>Original</th><td>66</td><td>-></td><td>70</td></tr><tr><td></td><td>+ 92</td><td>-></td><td>+ 90</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>158</td><td></td><td>160</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	66	->	70		+ 92	->	+ 90						158		160	Actual reference		Estimate		2.	<table><tr><th>Original</th><td>39</td><td>-></td><td>40</td></tr><tr><td></td><td>+ 34</td><td>-></td><td>+ 30</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>73</td><td></td><td>70</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	39	->	40		+ 34	->	+ 30						73		70	Actual reference		Estimate	
Original	66	->	70																																								
	+ 92	->	+ 90																																								
	158		160																																								
Actual reference		Estimate																																									
Original	39	->	40																																								
	+ 34	->	+ 30																																								
	73		70																																								
Actual reference		Estimate																																									
3.	<table><tr><th>Original</th><td>80</td><td>-></td><td>80</td></tr><tr><td></td><td>+ 31</td><td>-></td><td>+ 30</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>111</td><td></td><td>110</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	80	->	80		+ 31	->	+ 30						111		110	Actual reference		Estimate		4.	<table><tr><th>Original</th><td>74</td><td>-></td><td>70</td></tr><tr><td></td><td>+ 33</td><td>-></td><td>+ 30</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>107</td><td></td><td>100</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	74	->	70		+ 33	->	+ 30						107		100	Actual reference		Estimate	
Original	80	->	80																																								
	+ 31	->	+ 30																																								
	111		110																																								
Actual reference		Estimate																																									
Original	74	->	70																																								
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	107		100																																								
Actual reference		Estimate																																									
5.	<table><tr><th>Original</th><td>50</td><td>-></td><td>50</td></tr><tr><td></td><td>+ 51</td><td>-></td><td>+ 50</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>101</td><td></td><td>100</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	50	->	50		+ 51	->	+ 50						101		100	Actual reference		Estimate		6.	<table><tr><th>Original</th><td>42</td><td>-></td><td>40</td></tr><tr><td></td><td>+ 15</td><td>-></td><td>+ 20</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>57</td><td></td><td>60</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	42	->	40		+ 15	->	+ 20						57		60	Actual reference		Estimate	
Original	50	->	50																																								
	+ 51	->	+ 50																																								
	101		100																																								
Actual reference		Estimate																																									
Original	42	->	40																																								
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	57		60																																								
Actual reference		Estimate																																									
7.	<table><tr><th>Original</th><td>10</td><td>-></td><td>10</td></tr><tr><td></td><td>+ 67</td><td>-></td><td>+ 70</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>77</td><td></td><td>80</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	10	->	10		+ 67	->	+ 70						77		80	Actual reference		Estimate		8.	<table><tr><th>Original</th><td>82</td><td>-></td><td>80</td></tr><tr><td></td><td>+ 80</td><td>-></td><td>+ 80</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>162</td><td></td><td>160</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	82	->	80		+ 80	->	+ 80						162		160	Actual reference		Estimate	
Original	10	->	10																																								
	+ 67	->	+ 70																																								
	77		80																																								
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Original	82	->	80																																								
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	162		160																																								
Actual reference		Estimate																																									
9.	<table><tr><th>Original</th><td>21</td><td>-></td><td>20</td></tr><tr><td></td><td>+ 79</td><td>-></td><td>+ 80</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>100</td><td></td><td>100</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	21	->	20		+ 79	->	+ 80						100		100	Actual reference		Estimate		10.	<table><tr><th>Original</th><td>83</td><td>-></td><td>80</td></tr><tr><td></td><td>+ 71</td><td>-></td><td>+ 70</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>154</td><td></td><td>150</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	83	->	80		+ 71	->	+ 70						154		150	Actual reference		Estimate	
Original	21	->	20																																								
	+ 79	->	+ 80																																								
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11.	<table><tr><th>Original</th><td>19</td><td>-></td><td>20</td></tr><tr><td></td><td>+ 33</td><td>-></td><td>+ 30</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>52</td><td></td><td>50</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	19	->	20		+ 33	->	+ 30						52		50	Actual reference		Estimate		12.	<table><tr><th>Original</th><td>96</td><td>-></td><td>100</td></tr><tr><td></td><td>+ 49</td><td>-></td><td>+ 50</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>145</td><td></td><td>150</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	96	->	100		+ 49	->	+ 50						145		150	Actual reference		Estimate	
Original	19	->	20																																								
	+ 33	->	+ 30																																								
	52		50																																								
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13.	<table><tr><th>Original</th><td>66</td><td>-></td><td>70</td></tr><tr><td></td><td>+ 66</td><td>-></td><td>+ 70</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>132</td><td></td><td>140</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	66	->	70		+ 66	->	+ 70						132		140	Actual reference		Estimate		14.	<table><tr><th>Original</th><td>79</td><td>-></td><td>80</td></tr><tr><td></td><td>+ 97</td><td>-></td><td>+ 100</td></tr><tr><td colspan="4"> </td></tr><tr><td></td><td>176</td><td></td><td>180</td></tr><tr><td>Actual reference</td><td></td><td>Estimate</td><td></td></tr></table>	Original	79	->	80		+ 97	->	+ 100						176		180	Actual reference		Estimate	
Original	66	->	70																																								
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