


7th + 8th Grade Math
Review/Team Approach
for Adding Integers
and Heaps/Holes
Representation

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Integers Team Approach 1

Name: _____

→ 1) $20 + (-30) + 27 + (-20)$

+ team	- team
20	-30
27	-20
+ Total <u>27</u>	- Total <u>30</u>
Which Team won? + or - <u>0</u>	
Final answer: <u>-3</u>	

zero pairs
30
-27
-3

2) $120 + (-80) + (-50) + (-120) + 80$

+ team	- team
120	80
80	50
120	120
+ Total <u>0</u>	- Total <u>50</u>
Which Team won? + or - <u>0</u>	
Final answer: <u>-50</u>	

3) $62 + (-35) + (-62) + 29$

+ team	- team

4) $28 + (-17) + 5 + (-28) + 8$

+ team	- team

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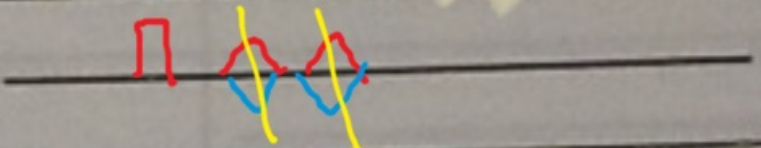
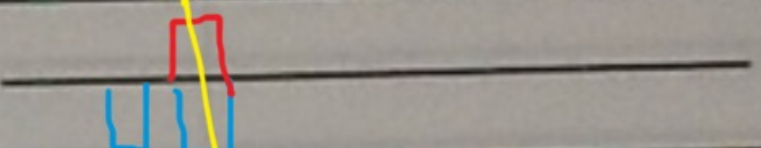
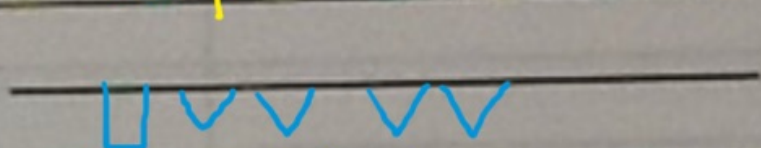
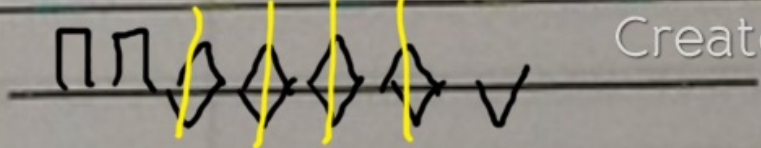
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">20</td> <td style="width: 50%; text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">27</td> <td style="text-align: center;">20</td> </tr> <tr> <td colspan="2">+ Total _____ - Total _____</td> </tr> <tr> <td colspan="2">Which Team won? + or -</td> </tr> <tr> <td colspan="2">Final answer: _____</td> </tr> </table>	20	30	27	20	+ Total _____ - Total _____		Which Team won? + or -		Final answer: _____		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">120</td> <td style="width: 50%; text-align: center;">80</td> </tr> <tr> <td style="text-align: center;">80</td> <td style="text-align: center;">50</td> </tr> <tr> <td colspan="2">+ Total _____ - Total _____</td> </tr> <tr> <td colspan="2">Which Team won? + or -</td> </tr> <tr> <td colspan="2">Final answer: _____</td> </tr> </table>	120	80	80	50	+ Total _____ - Total _____		Which Team won? + or -		Final answer: _____							
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Integers (Heaps and Holes 6)

$\square = +10$ $\sqcup = -10$ $\Delta = +1$ $\nabla = -1$
 $+10 + (-10) = 0$ zero pair $+1 + (-1) = 0$

$32 + (-13)$		$20 - 1$	19
$12 + (-2)$		10	10
$-20 + 10$		-10	-10
$-12 + (-2)$		$-10 + (-4)$	-14
$24 + (-5)$		$20 + (-1)$	19

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