

Name

Date

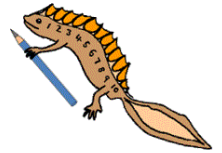


MAKE 13

0	1	2	3	4	5	6	7	8	9
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Challenge 1)

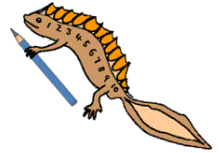
- Pick any two digit cards with a total of 13.
- There are 3 possibilities. Can you find them?



1)	2)	3)
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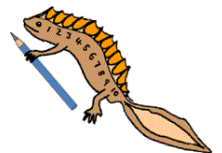
Challenge 2)

- Pick any three digit cards with a total of 13.
- There are 10 possibilities. How many can you find?



Challenge 3)

- Pick any five digit cards with a total of 13.
- How many ways can you find?



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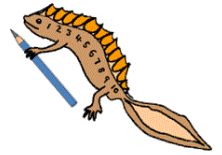


MAKE 13 ANSWERS

0	1	2	3	4	5	6	7	8	9
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Challenge 1)

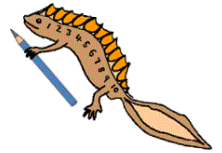
- Pick any two digit cards with a total of 13.
- There are 3 possibilities. Can you find them all?



1) $9 + 4$	2) $8 + 5$	3) $7 + 6$
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Challenge 2)

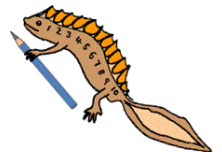
- Pick any three digit cards with a total of 13.
- There are 10 possibilities. How many can you find?



$9 + 4 + 0$	$7 + 5 + 1$
$8 + 5 + 0$	$8 + 3 + 2$
$7 + 6 + 0$	$7 + 4 + 2$
$9 + 3 + 1$	$6 + 5 + 2$
$8 + 4 + 1$	$6 + 4 + 3$

Challenge 3)

- Pick any five digit cards with a total of 13.
- How many ways can you find? **There are 3 ways**



$5 + 4 + 3 + 1 + 0$	$6 + 4 + 2 + 1 + 0$	$7 + 3 + 2 + 1 + 0$
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