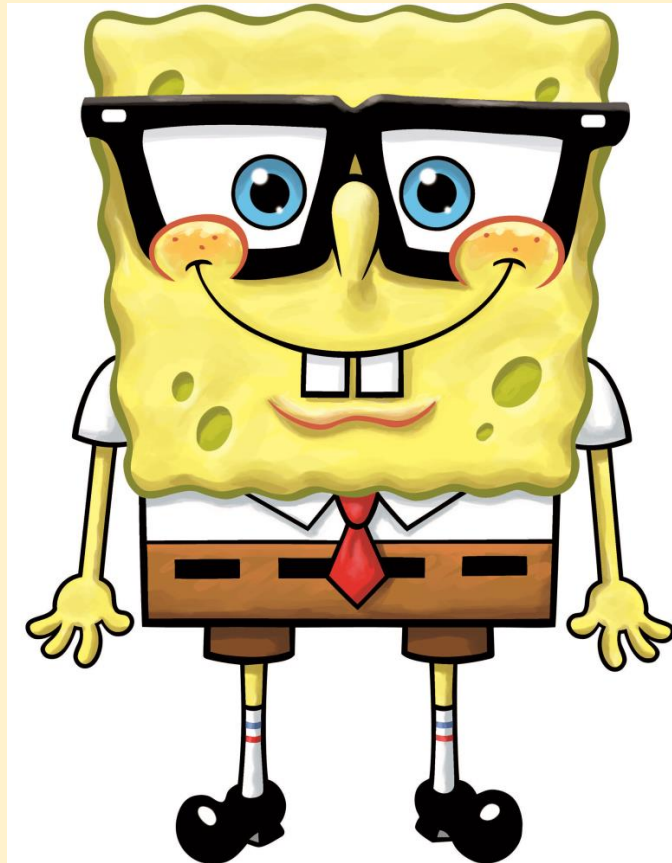


Task – Can you mark these questions for Miss Brack?



Challenge 1	✓ X	Challenge 2	✓ X
$600 + 5 = 605$		$579 + 3 = 582$	
$675 + 3 = 679$		$617 + 2 = 691$	
$267 + 2 = 269$		$540 + 6 = 456$	
$531 + 8 = 539$		$510 + 5 = 515$	
$241 + 7 = 247$		$889 + 4 = 893$	
$876 + 3 = 879$		$555 + 9 = 564$	
$201 + 6 = 207$		$484 + 9 = 499$	
$490 + 6 = 469$		$975 + 8 = 983$	
$411 + 5 = 416$		$956 + 6 = 966$	
$290 + 9 = 292$		$277 + 7 = 285$	
How many did I get right?		How many did I get right?	

Answers



Challenge 1	✓ X	Challenge 2	✓ X
$600 + 5 = 605$	✓	$579 + 3 = 582$	✓
$675 + 3 = 679$	✗	$617 + 2 = 691$	✗
$267 + 2 = 269$	✓	$540 + 6 = 456$	✗
$531 + 8 = 539$	✓	$510 + 5 = 515$	✓
$241 + 7 = 247$	✗	$889 + 4 = 893$	✓
$876 + 3 = 879$	✓	$555 + 9 = 564$	✓
$201 + 6 = 207$	✓	$484 + 9 = 499$	✗
$490 + 6 = 469$	✗	$975 + 8 = 983$	✓
$411 + 5 = 416$	✓	$956 + 6 = 966$	✗
$290 + 9 = 292$	✗	$277 + 7 = 285$	✗
How many did I get right?	6	How many did I get right?	5

Reasoning Task

Always, Sometimes or Never True?

As you all know, Miss Brack loves dogs! Whilst she was out walking, she counted how many different dogs she could see. When she added them together, she has decided that when we add the numbers 7 and 5 together in the ones column, the digit in the ones column of the answer will always be 2.

What other digits would always give a 2 in the ones column? Prove it.

