

Name _____

DOUBLES AND NEIGHBORS: ADDITION AND SUBTRACTION STRATEGY

When you know a doubles fact like $25 + 25 = 50$, you can use it to solve a “neighbor” problem: $25 + 26 = 51$ (because 26 is 1 more than 25, so the answer must be 1 more also) or $24 + 25 = 49$ (because 24 is 1 less than 25, so the answer must be 1 less also). You can also use this strategy when subtracting: $52 - 25$ is easily solved because you know the double $25 + 25 = 50$ and since 27 is 2 more than 25, the answer must also be 2 more ---- no need to borrow!

For these problems, solve the doubles problem first, and then use it to help you solve the other related problems:

$25 + 25 = \mathbf{50}$	$100 + 100 =$	$500 + 500 =$
$25 + 26 = \mathbf{51}$	$100 + 105 =$	$500 + 450 =$
$25 + 24 = \mathbf{49}$	$100 + 95 =$	$550 + 500 =$
$25 + 28 = \mathbf{53}$	$100 + 130 =$	$650 + 500 =$
$30 + 30 =$	$50 + 50 =$	$2000 + 2000 =$
$29 + 31 =$	$50 + 60 =$	$2000 + 1900 =$
$28 + 30 =$	$50 + 45 =$	$2500 + 2000 =$
$29 + 29 =$	$65 + 50 =$	$2000 + 1700 =$
$50 - 25 =$	$100 - 50 =$	$1000 - 500 =$
$50 - 26 =$	$100 - 52 =$	$1000 - 450 =$
$50 - 27 =$	$100 - 48 =$	$1000 - 550 =$
$50 - 24 =$	$100 - 54 =$	$1000 - 350 =$
$40 - 20 =$	$300 - 150 =$	$5000 - 2500 =$
$40 - 21 =$	$300 - 160 =$	$5000 - 3500 =$
$40 - 19 =$	$300 - 140 =$	$5000 - 1500 =$
$40 - 18 =$	$300 - 120 =$	$5000 - 4500 =$