



Mental Math Within 100

Name: _____

Date: _____

Grade: Grade 2

Part A: Fill in the Blank

Write the missing word or number on each line.

1. $48 + 19$ can become $48 + 20$, then subtract _____ .
2. $48 + 20 = 68$, then $68 - 1 =$ _____ .
3. $35 + 29$ becomes $35 + 30 - 1 =$ _____ .
4. $44 + 39$ becomes $44 + 40 - 1 =$ _____ .
5. $27 + 18$ becomes $27 + 20 - 2 =$ _____ .
6. If you change $49 + 32$ into $50 + 32 -$ _____ , fill in the blank.
7. Using compensation, $25 + 48 = 25 + 50 - 2 =$ _____ .
8. To add $63 + 19$ use $63 + 20 - 1 =$ _____ .
9. Compensation means you change one number to make it _____ to add.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$46 + 19$	→ _____	$46 + 20 - 1$
$27 + 29$	→ _____	$27 + 30 - 1$
$52 + 38$	→ _____	$52 + 40 - 2$
$35 + 48$	→ _____	$35 + 50 - 2$

Part A: Fill in the Blank

Write the missing word or number on each line.

1. $48 + 19$ can become $48 + 20$, then subtract 1 .
2. $48 + 20 = 68$, then $68 - 1 =$ 67 .
3. $35 + 29$ becomes $35 + 30 - 1 =$ 64 .
4. $44 + 39$ becomes $44 + 40 - 1 =$ 83 .
5. $27 + 18$ becomes $27 + 20 - 2 =$ 45 .
6. If you change $49 + 32$ into $50 + 32 -$ 1 , fill in the blank.
7. Using compensation, $25 + 48 = 25 + 50 - 2 =$ 73 .
8. To add $63 + 19$ use $63 + 20 - 1 =$ 82 .
9. Compensation means you change one number to make it easier to add.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$46 + 19$	→ <u>$46 + 20 - 1$</u>	$46 + 20 - 1$
$27 + 29$	→ <u>$27 + 30 - 1$</u>	$27 + 30 - 1$
$52 + 38$	→ <u>$52 + 40 - 2$</u>	$52 + 40 - 2$
$35 + 48$	→ <u>$35 + 50 - 2$</u>	$35 + 50 - 2$