



Associative Property of Addition



Use the associative property to determine if the equations below are equal or not equal.

$$(8 + 5) + 4 \underline{=} 8 + (5 + 4)$$

1. $(9 + 6) + 8$ _____ $9 + (6 + 4)$

2. $5 + (2 + 1)$ _____ $(5 + 2) + 1$

3. $(7 + 3) + 4$ _____ $7 + (3 + 4)$

4. $8 + (6 + 5)$ _____ $8 + (6 + 2)$

5. $54 + (83 + 92)$ _____ $(54 + 83) + 92$

6. $64 + (12 + 33)$ _____ $(64 + 12) + 45$

7. $(31 + 97) + 2$ _____ $31 + (75 + 2)$

8. $(46 + 55) + 19$ _____ $(19 + 55) + 46$

