

Algebra: Properties

Name _____ My Homework _____

Independent Practice

Determine whether the two expressions are equivalent. If so, tell what property is applied. If not, explain why. (Examples 1–4)

1. $(8 + 27) + 52$ and $8 + (27 + 52)$ _____

2. $(3 \cdot 6) \cdot 9$ and $3 \cdot (6 \cdot 9)$ _____

3 $72 - (63 - 8)$ and $(72 - 63) - 8$ _____

4. $36 \div (12 \div 3)$ and $(36 \div 12) \div 3$ _____

5. $0 + 32$ and 0 _____
