

Name _____

Date _____

MULTIPLY is a property of operations or strategies to multiply and divide.

Properties of Multiplication

| Commutative Property Rule: | | |
|---|---|--|
| $4 \times 3 = 3 \times \underline{\quad}$ | $5 \times 5 = 5 \times \underline{\quad}$ | $9 \times 6 = 6 \times \underline{\quad}$ |
| $7 \times 6 = 6 \times \underline{\quad}$ | $8 \times 15 = 15 \times \underline{\quad}$ | $13 \times 4 = 4 \times \underline{\quad}$ |
| Identity Property Rule: | | |
| $7 \times 1 = \underline{\quad}$ | $1 \times 9 = \underline{\quad}$ | $27 \times 1 = \underline{\quad}$ |
| $\underline{\quad} \times 1 = 12$ | $35 \times \underline{\quad} = 35$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ |
| Zero Property Rule: | | |
| $7 \times 0 = \underline{\quad}$ | $0 \times 18 = \underline{\quad}$ | $33 \times 0 = \underline{\quad}$ |
| $12 \times \underline{\quad} = 0$ | $35 \times \underline{\quad} = 0$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ |