

CONMUTATIVA

|   |   |   |     |   |   |     |                                                |     |                                                |     |                                                |
|---|---|---|-----|---|---|-----|------------------------------------------------|-----|------------------------------------------------|-----|------------------------------------------------|
| 3 | 2 | 7 | $+$ | 3 | 2 | $=$ | <div style="height: 20px; width: 100%;"></div> | $+$ | <div style="height: 20px; width: 100%;"></div> | $=$ | <div style="height: 20px; width: 100%;"></div> |
|---|---|---|-----|---|---|-----|------------------------------------------------|-----|------------------------------------------------|-----|------------------------------------------------|

|   |   |   |     |   |   |     |                                                                                                |     |                                                                                                |     |                                                                                                |                                                                                                |                                                                                                |
|---|---|---|-----|---|---|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 9 | 0 | 9 | $+$ | 5 | 2 | $=$ | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | $+$ | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | $=$ | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> |
|---|---|---|-----|---|---|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|

|   |   |   |     |   |   |     |                                                                                                |     |                                                                                                |     |                                                                                                |                                                                                                |
|---|---|---|-----|---|---|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 5 | 3 | 4 | $+$ | 6 | 1 | $=$ | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | $+$ | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | $=$ | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> |
|---|---|---|-----|---|---|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|

|   |   |   |          |   |   |   |                                                                                                |          |                                                                                                |   |                                                                                                |
|---|---|---|----------|---|---|---|------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------|
| 6 | 5 | 2 | $\times$ | 2 | 7 | = | <div style="border: 1px solid black; width: 40px; height: 30px; display: inline-block;"></div> | $\times$ | <div style="border: 1px solid black; width: 40px; height: 30px; display: inline-block;"></div> | = | <div style="border: 1px solid black; width: 40px; height: 30px; display: inline-block;"></div> |
|---|---|---|----------|---|---|---|------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------|

|   |   |   |          |   |   |     |                                                                                                |          |                                                                                                |     |                                                                                                |
|---|---|---|----------|---|---|-----|------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|
| 5 | 1 | 4 | $\times$ | 8 | 1 | $=$ | <div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div> | $\times$ | <div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div> | $=$ | <div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div> |
|---|---|---|----------|---|---|-----|------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|

## ASOCIATIVA

|   |   |   |   |   |   |   |   |   |        |   |  |   |  |        |   |  |   |  |
|---|---|---|---|---|---|---|---|---|--------|---|--|---|--|--------|---|--|---|--|
| 3 | 7 | + | 7 | 5 | + | 2 | 8 | = | (    ) | + |  | = |  | (    ) | + |  | = |  |
|---|---|---|---|---|---|---|---|---|--------|---|--|---|--|--------|---|--|---|--|

|   |   |     |   |   |     |   |   |     |             |     |             |     |             |     |             |     |             |
|---|---|-----|---|---|-----|---|---|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|
| 9 | 2 | $+$ | 8 | 9 | $+$ | 3 | 3 | $=$ | $( \quad )$ | $+$ | $( \quad )$ | $=$ | $( \quad )$ | $+$ | $( \quad )$ | $=$ | $( \quad )$ |
|---|---|-----|---|---|-----|---|---|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|

$$\begin{array}{|c|c|} \hline 8 & 1 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 7 & 5 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 5 & 9 \\ \hline \end{array} = \left( \begin{array}{|c|c|} \hline & \\ \hline \end{array} \right) \times \begin{array}{|c|c|} \hline & \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array} \left( \begin{array}{|c|c|} \hline & \\ \hline \end{array} \right) \times \begin{array}{|c|c|} \hline & \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

|   |   |          |   |   |          |   |   |     |   |   |   |   |          |   |   |     |   |   |   |   |   |   |          |   |   |     |   |   |
|---|---|----------|---|---|----------|---|---|-----|---|---|---|---|----------|---|---|-----|---|---|---|---|---|---|----------|---|---|-----|---|---|
| 5 | 3 | $\times$ | 9 | 2 | $\times$ | 3 | 4 | $=$ | ( | □ | □ | ) | $\times$ | □ | □ | $=$ | □ | □ | ( | □ | □ | ) | $\times$ | □ | □ | $=$ | □ | □ |
|---|---|----------|---|---|----------|---|---|-----|---|---|---|---|----------|---|---|-----|---|---|---|---|---|---|----------|---|---|-----|---|---|

|   |   |          |   |   |          |   |   |     |                 |          |                 |     |                 |          |                 |     |                 |
|---|---|----------|---|---|----------|---|---|-----|-----------------|----------|-----------------|-----|-----------------|----------|-----------------|-----|-----------------|
| 8 | 3 | $\times$ | 3 | 1 | $\times$ | 9 | 8 | $=$ | $(\quad \quad)$ | $\times$ | $(\quad \quad)$ | $=$ | $(\quad \quad)$ | $\times$ | $(\quad \quad)$ | $=$ | $(\quad \quad)$ |
|---|---|----------|---|---|----------|---|---|-----|-----------------|----------|-----------------|-----|-----------------|----------|-----------------|-----|-----------------|

## DISTRIBUTIVA

$$4 \times (8 + 7) = 1^a \square + \square = \square \quad 2^a \square \times \square + \square \times \square = \square + \square = \square$$

$$3 \times (7 - 5) = 1^a \square - \square = \square \quad 2^a \square \times \square - \square \times \square = \square - \square = \square$$

$$2 \times (1 + 9) = 1^a \square + \square = \square \quad 2^a \square \times \square + \square \times \square = \square + \square = \square$$

7  $\times$  ( 3 - 2 ) = 1<sup>a</sup>  $\div$  = 2<sup>a</sup>  $\times$  + 