Operation Testing (Side A)

**Instructions:** Roll the die once per blank (twice total) and record the numbers After you have both numbers, show the solution below it.

On the right side of the arrows, **reverse** the order of the numbers to see if the solution stays the same. If both answers are equivalent, check the box next to the expressions.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ▢ | \_\_\_\_\_ + \_\_\_\_\_ | → | \_\_\_\_\_\_ + \_\_\_\_\_\_ |  | ▢ | \_\_\_\_\_ × \_\_\_\_\_ | → | \_\_\_\_\_ × \_\_\_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |
| ▢ | \_\_\_\_\_ + \_\_\_\_\_ | → | \_\_\_\_\_\_ + \_\_\_\_\_\_ |  | ▢ | \_\_\_\_\_ × \_\_\_\_\_ | → | \_\_\_\_\_ × \_\_\_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |
| ▢ | \_\_\_\_\_ - \_\_\_\_\_ | → | \_\_\_\_\_ - \_\_\_\_\_ |  | ▢ | \_\_\_\_\_ ÷ \_\_\_\_\_ | → | \_\_\_\_\_ ÷ \_\_\_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |
| ▢ | \_\_\_\_\_ - \_\_\_\_\_ | → | \_\_\_\_\_ - \_\_\_\_\_ |  | ▢ | \_\_\_\_\_ ÷ \_\_\_\_\_ | → | \_\_\_\_\_ ÷ \_\_\_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |

Operation Testing (Side B)

**Instructions:** Roll the die once per blank (three times total), record the numbers, and show the solution below it.

On the right side of the arrows, **re-record** the numbers in the same order and find the new solution. If both answers are equivalent, check the box next to the expressions.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ▢ | \_\_\_ + (\_\_\_+\_\_\_) | → | (\_\_\_ + \_\_\_) +\_\_\_ |  | ▢ | \_\_\_(\_\_\_ × \_\_\_) | → | (\_\_\_ × \_\_\_) \_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |
| ▢ | \_\_\_ + (\_\_\_+\_\_\_) | → | \_\_\_ + (\_\_\_+\_\_\_) |  | ▢ | \_\_\_(\_\_\_ × \_\_\_) | → | (\_\_\_ × \_\_\_) \_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |
| ▢ | \_\_\_ - (\_\_\_ - \_\_\_) | → | (\_\_\_ - \_\_\_) - \_\_\_ |  | ▢ | \_\_\_ ÷(\_\_\_ ÷ \_\_\_) | → | (\_\_\_ ÷ \_\_\_)÷ \_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |
| ▢ | \_\_\_ - (\_\_\_ - \_\_\_) | → | (\_\_\_ - \_\_\_) - \_\_\_ |  | ▢ | \_\_\_ ÷(\_\_\_ ÷ \_\_\_) | → | (\_\_\_ ÷ \_\_\_)÷ \_\_\_ |
|  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |  |  | =\_\_\_\_\_\_\_ |  | =\_\_\_\_\_\_\_ |