|  |  |
| --- | --- |
| (6 ÷ 3)2 + 7 - 1 | 7 + (6 ÷ 3)2 - 1 |
|  |  |
| 5[24 – (6 + 8)] | 5(24) – 5(6 + 8) |
| 2 ◦ 32 + 10 - 14 | 2 ◦ (32 ◦ 1) + 10 – 14 |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

*Properties of Operations* Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_

Part I: With your partner/group, copy your expression in the space below and solve, showing all your work in the space below.

|  |
| --- |
| Expression: |
| Work: |
| Answer: |

Part II: Write the expression with the matching answer to your expression’s answer in the space below. Then work it out in the work space to double check the answer.

|  |
| --- |
| Matching Expression: |
| Work: |
| Answer: |

|  |  |
| --- | --- |
| Why do you think the two expressions’ answers matched? | |
| What part(s) of the two expressions changed? | |
| Is there a property that defines this change,  yet doesn’t affect the solution? (Name It) | |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

|  |  |
| --- | --- |
| Expression 1: | Expression 2: |
| Work: | Work: |
| Property | |

Extras:

If there are any extra expressions that match any of the above properties, list them below with their property names.

|  |  |  |
| --- | --- | --- |
| Expression 1: | Expression 2: | Property: |
| Expression 1: | Expression 2: | Property: |
| Expression 1: | Expression 2: | Property: |
| Expression 1: | Expression 2: | Property: |
| Expression 1: | Expression 2: | Property: |