***Rules for Multiplying Integers***

**Rule 1:**

If the integers have the same signs then the product will be positive.

**Rule 2:**

If the integers have different signs then the product will be **negative.**

**Sample Problem 1**: **Find the product of each expression below using the rules for multiplying integers.**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |
| **d.** |  |  |

**Sample Problem 2**: **Find the product of each expression below using the rules for multiplying integers.**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |
| **d.** |  |  |

***Rules for Dividing Integers***

**Rule 1:**

If the integers have the same signs then the quotient will be **positive.**

**Rule 2:**

If the integers have different signs then the quotient will be **negative.**

**Sample Problem 3**: **Find the quotient of each expression below using the rules for dividing integers.**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |
| **d.** |  |  |

**Sample Problem 4**: **Find the quotient of each expression below using the rules for dividing integers.**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |
| **d.** |  |  |

**Sample Problem 5**: **Solve each expression below.**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |

***Combined operations on integers***

**Sample Problem 6**: **Solve each expression below using order of operations.**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |