**Multiple Choice**

|  |  |
| --- | --- |
| **1.** | The value of $-22\*\left(-10\right)÷4$ is: |
|  | **a.)** $140$ | **b.)** $55$ |
|  | **c.)** $-55$ | **d.)** $120$ |

|  |  |
| --- | --- |
| **2.** | The value of $15÷\left(-3\right)\*\left|-13\right|$ is: |
|  | **a.)** $-65$ | **b.)** $65$ |
|  | **c.)** $-12$ | **d.)** $10$ |

**3. Solve each expression below using the order of operations.**

|  |  |  |
| --- | --- | --- |
| **a.** |  $\left(-33\right)+\left[144÷(-12)\right]\*\left(-4\right)-15=$ |  |

**4. Solve each expression below using the order of operations.**

|  |  |  |
| --- | --- | --- |
| **a.** |  $\left|-45\right|-\left[169÷(-13)\right]^{2}\*3-67=$ |  |

 **5. Evaluate the expression for the given replacement values.**

|  |  |
| --- | --- |
|  | $$ x÷y\*z= $$$$ x=-120 y=-40 z=24$$ |
|  |  |

**ANSWERS**

**Multiple Choice**

|  |  |
| --- | --- |
| **1.** | The value of $-22\*\left(-10\right)÷4$ is: |
|  | **a.)** $140$ | **b.)** $55$ |
|  | **c.)** $-55$ | **d.)** $120$ |

|  |  |
| --- | --- |
| **2.** | The value of $15÷\left(-3\right)\*\left|-13\right|$ is: |
|  | **a.)** $-65$ | **b.)** $65$ |
|  | **c.)** $-12$ | **d.)** $10$ |

**3. Solve each expression below using the order of operations.**

|  |  |  |
| --- | --- | --- |
| **a.** |  $\left(-33\right)+\left[144÷(-12)\right]\*\left(-4\right)-15=$ | $$ \left(-33\right)+\left[144÷(-12)\right]\*\left(-4\right)-15=$$$$=\left(-33\right)+\left[-12\right]\*\left(-4\right)-15=$$$$=\left(-33\right)+48-15=$$$$=15-15=$$$$=15+(-15)=$$$$=0$$ |

**4. Solve each expression below using the order of operations.**

|  |  |  |
| --- | --- | --- |
| **a.** |  $\left|-45\right|-\left[169÷(-13)\right]^{2}\*3-67=$ | $$ \left|-45\right|-\left[169÷(-13)\right]^{2}\*3-67=$$$$=45-\left[-13\right]^{2}\*3-67=$$$$=45-169\*3-67=$$$$=45-507-67=$$$$=45+(-507)-67=$$$$=-462-67=$$$$=-462+(-67)=$$$$=-529$$ |

 **5. Evaluate the expression for the given replacement values.**

|  |  |
| --- | --- |
|  | $$ x÷y\*z= $$$$ x=-120 y=-40 z=2$$ |
|  | $$ x÷y\*z=$$$$= -120÷(-40)\*24=$$$$= 3\*24=$$$$= 72$$ |