**1 вариант**

|  |  |
| --- | --- |
| **В добрый**  **путь!** | **log a а=** |

|  |  |
| --- | --- |
| **1** | **loga =** |

|  |  |
| --- | --- |
| **logax** | **logaxy=** |

|  |  |
| --- | --- |
| **logax+logay** | **loga1=** |

|  |  |  |
| --- | --- | --- |
| **0** | **logab=** | |
|  | | **logax-logay=** |

|  |  |
| --- | --- |
| **loga** | **loga =** |

|  |  |
| --- | --- |
| * **logax** | **loga =** |

|  |  |
| --- | --- |
| **logax** | **log3 =** |

|  |  |
| --- | --- |
| * **4** | **lg1000** |

|  |  |
| --- | --- |
| **3** | **log0,532 =** |

|  |  |
| --- | --- |
| * **5** | **log0,40,064=** |

|  |  |
| --- | --- |
| **3** | **=** |

|  |  |
| --- | --- |
| **16** | **log5x = 2**  **x-?** |

|  |  |
| --- | --- |
| **X = 25** | **Молодец!** |

**2 вариант**

|  |  |
| --- | --- |
| **В добрый**  **путь!** | **log a 1=** |

|  |  |
| --- | --- |
| **0** | **loga =** |

|  |  |
| --- | --- |
| **nlogax** | **loga=** |

|  |  |
| --- | --- |
| **logax-logay** | **logaa=** |

|  |  |  |
| --- | --- | --- |
| **1** | **logab=** | |
|  | | **logax+logay=** |

|  |  |
| --- | --- |
| **logaxy** | **loga =** |

|  |  |
| --- | --- |
| * **logax** | **loga =** |

|  |  |
| --- | --- |
| **logax** | **log4 =** |

|  |  |
| --- | --- |
| * **3** | **lg0,01** |

|  |  |
| --- | --- |
| * **2** | **log2 128 =** |

|  |  |
| --- | --- |
| **7** | **log0,30,27=** |

|  |  |
| --- | --- |
| **3** | **=** |

|  |  |
| --- | --- |
| **9** | **log4x = 2**  **x-?** |

|  |  |
| --- | --- |
| **X = 16** | **Молодец!** |