**Проверочная работа «Вычисление производной функции»**

Вариант 1**.**

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| --- | --- | --- | --- |
| 1  y = 1/2x + 4 | 2  y = x | 3  y = – 1/2 | 4  y = – x2 |
| 5  y = x2 + 0,3 | 6  y = 3 | 7  y = –x | 8  y = |x| |
| 9  y = 7/2x | 10  y = – (5)x | 11  y = 7 |x| | 12  y = 10–x |
| 13  y = log2x | 14  y = log 2/3x | 15  y = – 2 log 0,7x | 16  y = – lg x |
| 17  y = ½ lg x | 18  y = 2/3 ln x | 19  y = |log 1/2x| | 20  y = (log 39) |
| 21  y = tg x | 22  y = 1/2 sin x | 23  y = – 2 cos x | 24  y = ctg x |

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Вариант 2.

|  |  |  |  |
| --- | --- | --- | --- |
| 1  y = x3 | 2  y = |x3| | 3  y = 5 – 2x | 4  y = –4 |
| 5  y = –x | 6  y = 3 – x2 | 7  y = 1/3 x | 8  y = 0 |
| 9  y = 5/3x | 10  y = 2 |x| | 11  y = 0,1 –x | 12  y = – 1/4 \* 4/5x |
| 13  y = log6/7x | 14  y = – 3 log0,5x | 15  y = 1/2 lg x | 16  y = |log1/3x| |
| 17  y = ln (x) | 18  y = (log416)x | 19  y = – 2 lg x | 20  y = 3 tg x |
| 21  y = –1/3 cos x | 22  y = – ctg x | 23  y = sin x | 24  y = x + 3 |