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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Самостоятельная работа по теме «Введение в физику»******Вариант I***1. Заполните таблицу:

|  |  |  |  |
| --- | --- | --- | --- |
| № | Пределы измерения | Цена деления | Показания прибора |
| Нижний | Верхний |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |

шкала_1_3.jpgшкала_2_3.jpgшкала_3_4.jpg 1) 2) 3)шкала_4_2.jpg 4)1. Выразите в стандартном виде в указанных единицах СИ:

178∙10-7 МА = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_А0,0467∙104 мВ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_кВ(2500 нм)∙(0,008 км) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_м2(0,15∙109 см)∙(60∙10-2 дм) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_мм2(0,075 В)/(150 мм) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_В/м(0,048∙10-7 г)/(800∙10-12 мс) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Мт/мкс | ***Самостоятельная работа по теме «Введение в физику»******Вариант II***1. Заполните таблицу:

|  |  |  |  |
| --- | --- | --- | --- |
| № | Пределы измерения | Цена деления | Показания прибора |
| Нижний | Верхний |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |

шкала_3_2.jpgшкала_2_4.jpgшкала_1_4.jpg 1) 2) 3)шкала_3_3.gif 4)1. Выразите в стандартном виде в указанных единицах СИ:

6800∙10-3 мс = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_с0,056∙105 кПа = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ГПа(0,004 мкм)∙(7500 см) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_м2(15∙109 мм)∙(0,0004∙10-2 км) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_дм2(6300 г)/(0,009 мс) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_кг/с(320∙10-2 кН)/(0,004∙1011 мг) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_МН/т |