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| نام و نام خانوادگی : ..............  دریافت .......... : .......... تحویل .......... : .......... تاخیر : .............. | برگه شماره 52 (3) | نمره : |  |
| پایه : دهم ریاضی‌و تجربی | **مفهوم 15- ريزمفهوم 63** |  |
| درس : فیزیک 1 | سال تحصیلی 99 - 98 | زمان :40دقیقه | **14301**/80/5 |

1. **200 گرم آب را با 100 گرم آب  مخلوط کرده­ایم. دمای تعادل چقدر خواهد شد ؟**



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1. **اگر  گرم آب را با  گرم آب  مخلوط کنیم، 180 گرم آب**  **خواهیم داشت. مقدار**  **و**  **هر یک چقدر است ؟** ............................................................

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**3- در ظرفی که دمایش** **است 150 گرم آب صفر درجه می­ریزیم. دمای تعادل** **می­شود. ظرفیت گرمایی ظرف چقدر است ؟ (** **آب)** ....................................................

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**4- اگر 5/0 کیلوگرم آب**  **را با 5/1 کیلوگرم آب**  **مخلوط کنیم و دمای تعادل****شود، چند ژول گرما در ضمن این مبادله گرما تلف شده است؟ (****)**

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