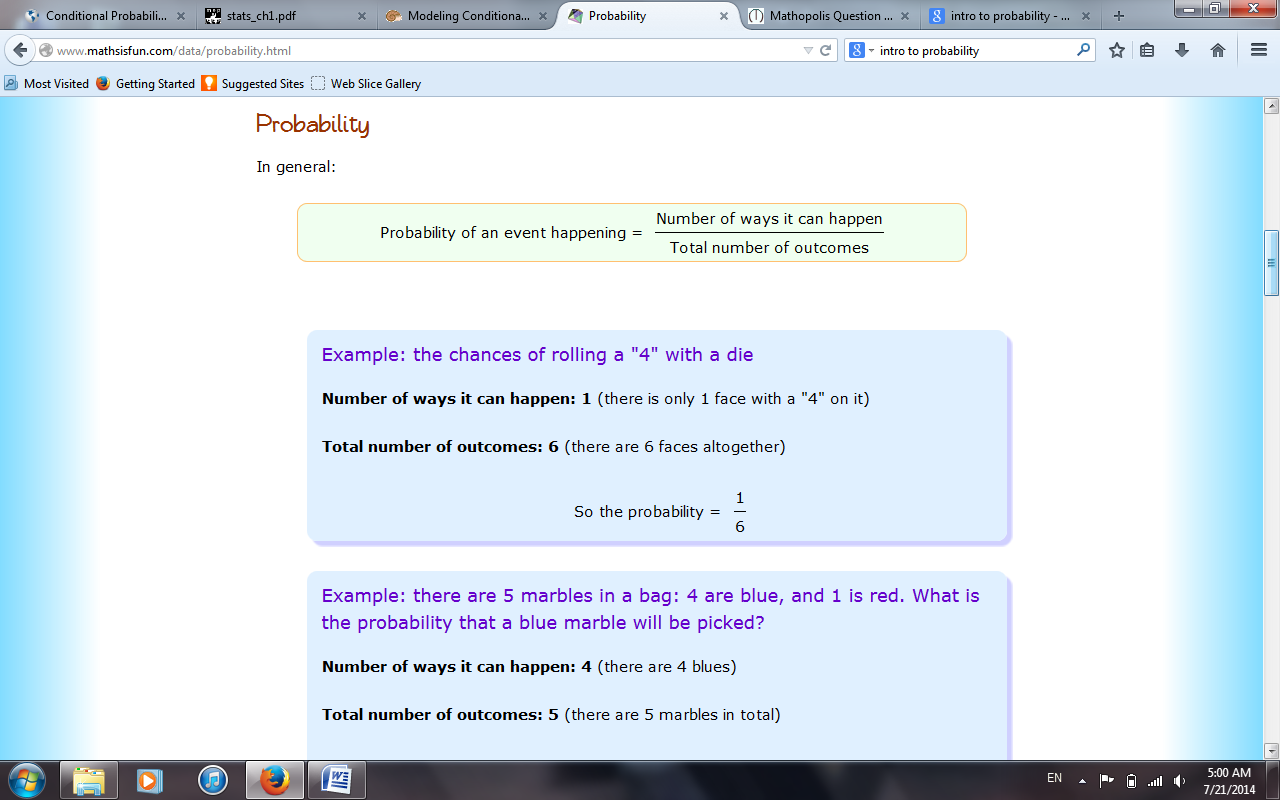
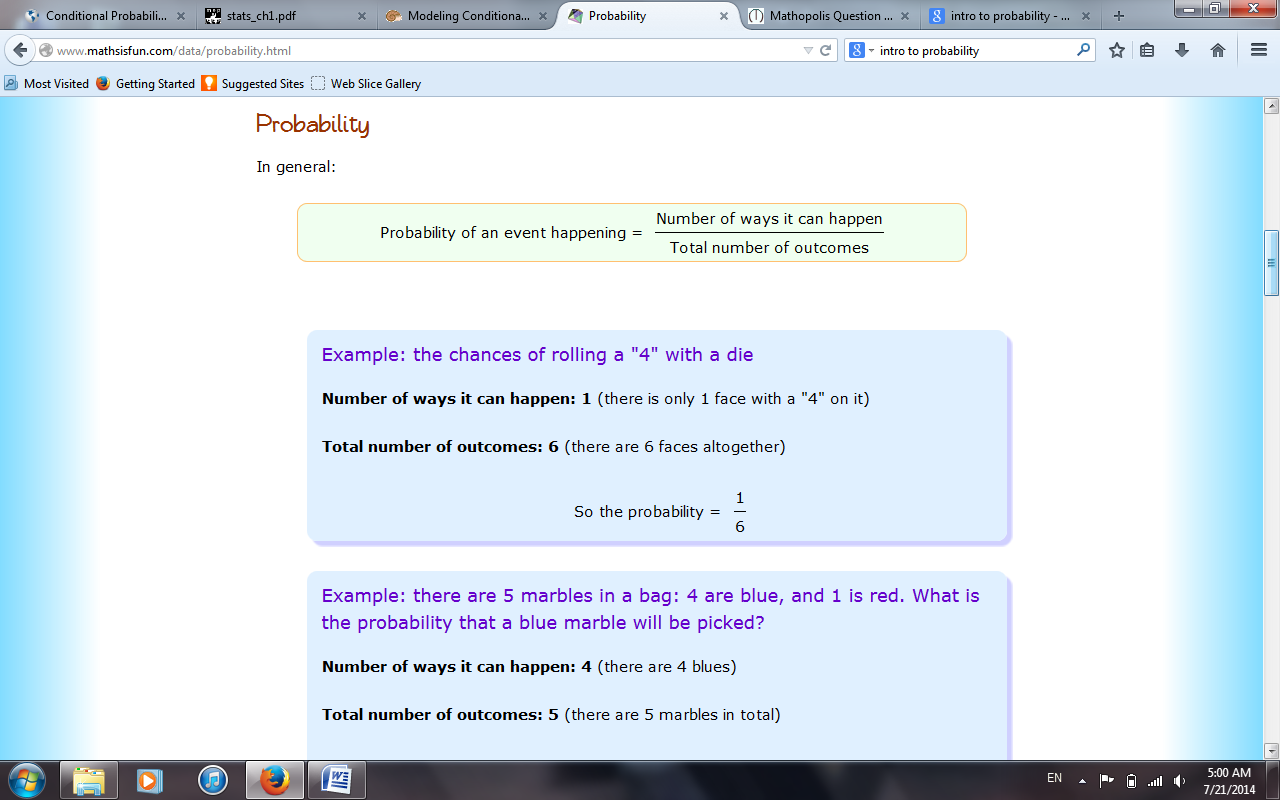
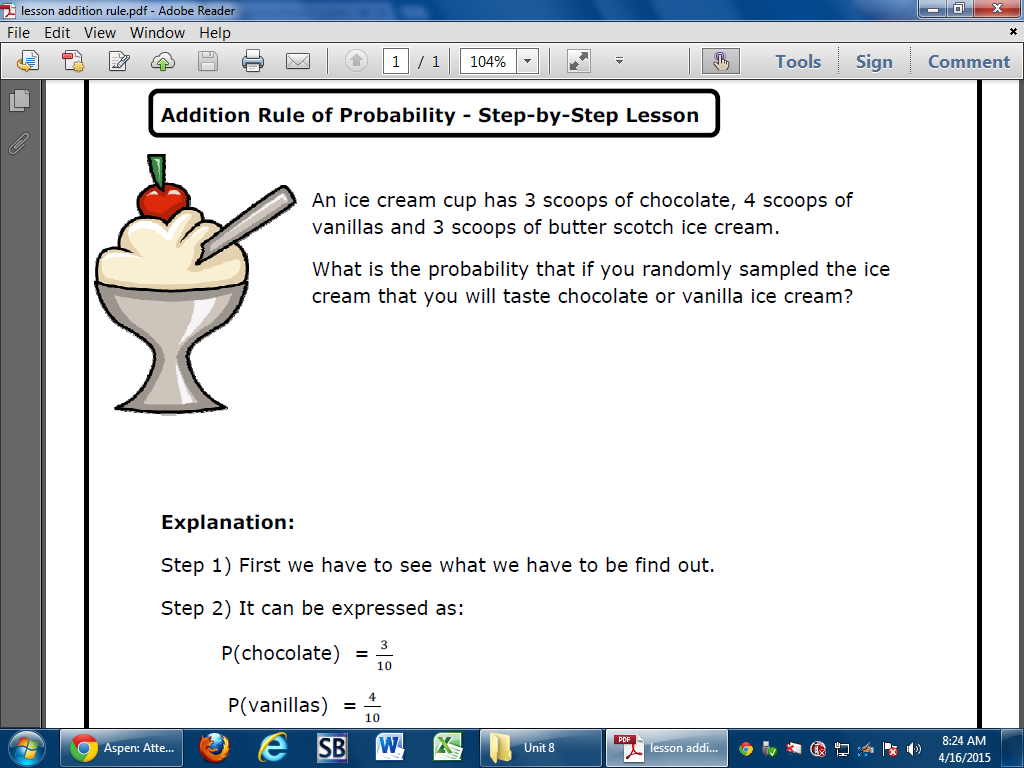
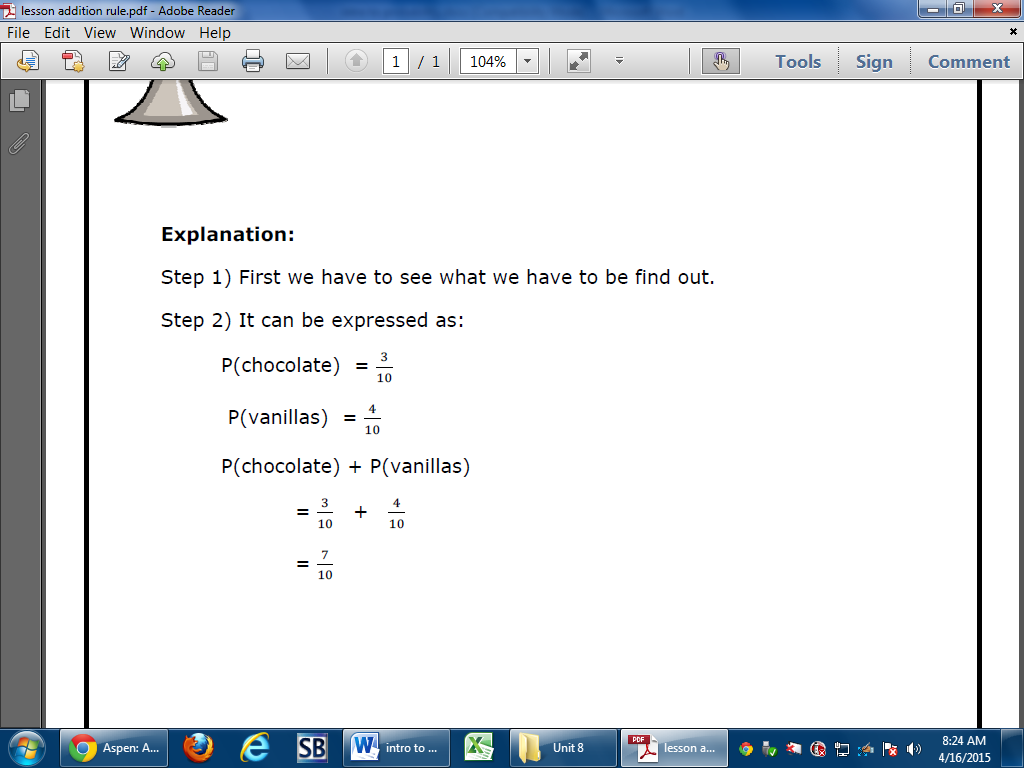
***In general:***

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|  |  |
| --- | --- |
| **Independent Events** | **Dependent Events** |
| Events can be “independent,” meaning each event is **not affected** by any other events | But events can also be “dependent”…which means they **can be affected by previous events…**  See how the chances change every time?   * *Each event* ***depends on*** *what happened in the previous event, and is called* ***dependent.*** * *That is the kind of thing we will be looking at here.* |





**Now, look at the following problems**

|  |  |
| --- | --- |
| **A single 6-sided die is rolled. What is the probability of rolling a 1 or 6?** | **Robert is playing cards, what is the probability of pulling a king or jack** |
| **Mary is playing cards. What is the probability of randomly pulling a heart or club out of the deck?** |