**Guidance for Topic 2 DQ 1**

1. I show how to do B. First, enter ft^2/tsp in P37. That the unit that we have to convert the given quantity to.

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1. Next, let’s convert m^2 to ft^2. Think of this as a fraction. Since m^2 is in the numerator, we have to use the factor that has m in the denominator. In F22, we see that 1 meter = 3.2808 ft.

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1. m^2 is in the numerator, so we have to use 3.2808 ft / 1 meter so that when we make a multiplication, meter cancels each other. Note that 3.2808 ft / 1 meter = F22, and m^2 means we have to multiply F22 twice.

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1. Next, we have to convert mL to tsp. There is a conversion factor in F21.

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1. Since mL is in the denominator, we use =4.9289 mL/ 1 tsp. which is =F21 so that mL cancels each other.

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1. Lastly, we multiply these factors. Don’t forget to multiply the initial quantity in F37.

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