|  |
| --- |
| **Proving Trigonometry Formulas from Euler’s Formula (Lee Stemkoski)** |
| **1. Find the point in the lecture where it introduces the property that ‘if , then , and ’ is introduced.** |
| **2. Find the point in the lecture where the property that is an even function is used** |
| **3. Find the point in the lecture where instructor underlines .** |
| **4. Find the point in the lecture where the instructor strikes out part of an equation, where terms add up to eliminate each other.** |
| **5. Find the point in the lecture where the instructor writes the equation for straight from Euler’s formula.** |
| **6. Find the point in the lecture where the instructor finishes proving the first trigonometric formula.** |

|  |
| --- |
| **Fundamental Theorem of Calculus (Khan Academy)** |
| **1. Find the point in the lecture where the instructor introduces an application problem to use the fundamental theorem of calculus.** |
| **2. Find the point in the lecture where the property that every continuous function has an antiderivative is stated.** |
| **3. Find the point in the lecture where the instructor introduces a point *x* on the graph, in the domain [*a*,*b*] of function *f*.** |
| **4. Find the point in the lecture where the instructor fills in (colors) a region under the curve of graph .** |
| **5. Find the point in the lecture where the instructor substitutes ‘x’ instead of ‘t’ in an expression.** |
| **6. Find the point in the lecture where the instructor writes an integral expression for a bounded area under some curve.** |

|  |
| --- |
| **Uniform Distribution (Actuarial Path)** |
| **1. Find the point in the lecture where the equation for the Moment Generating Function of X, is introduced.** |
| **2. Find the point in the lecture where for a<x<b is expressed as an integration.** |
| **3. Find the point in the lecture where the height of the graph of f(x) is denoted with a variable on the graph for the first time.** |
| **4. Find the point in the lecture where the instructor colors an area under the graph of a function.** |
| **5. Find the point in the lecture where the instructor starts deriving how to get the values for** |
| **6. Find the point in the lecture where the instructor equates an expression inside an integral with the equation .** |

**The following questions ask you to find a location of specific information in the lecture. Please indicate your answer by indicating the time in the video (e.g. 3:08), or write down several words from the beginning of the phrase that mentions the information (“e.g. Let’s define a vector”). Please indicate the starting of where the specific information is mentioned. Please notify us when you start and finish each problem.**