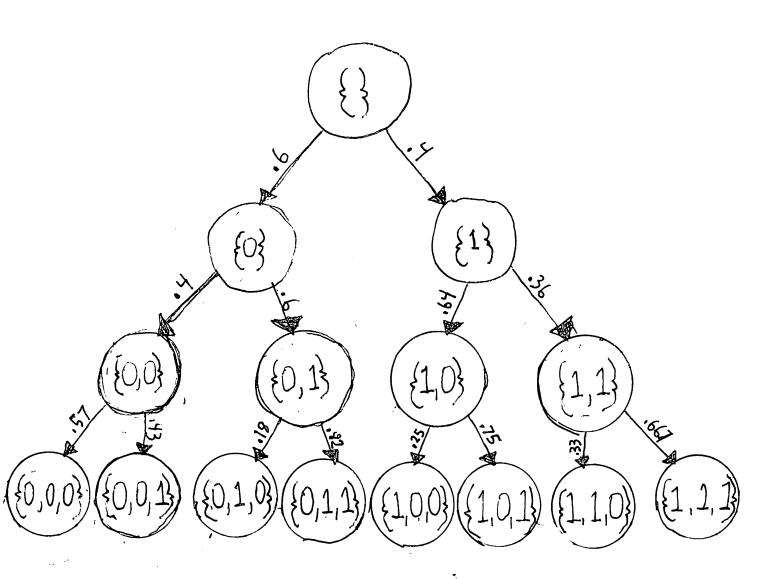
## Jacob Wolfe



Math 172

Quiz 2

7 September 2018

Please put your name on the back of this sheet.

INSTRUCTIONS: You may use your brain, a pen/pencil, and scratch paper on this Quiz – and No Other Resources!

Please show all of your work. Answers without justification will receive no points.

1. Please compute the integral below.

$$\int \frac{\arcsin x \, dx}{\arcsin x \, dx} = X \frac{1}{2} x \frac{1}{2$$

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2. Please compute the integral below.

$$\int (t+1)e^{2t} dt = \frac{1}{2}(t+1)e^{2t}$$

$$\frac{1}{2} \cdot \left[ e^{2t} = \frac{1}{2} (t+1) e^{t} - \frac{1}{4} e^{t} + (t+1$$