

# Math 2215 - Calculus 1

Quiz #14 - 2016.10.17

Solutions

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Compute the following integral:

$$\int \sec(\theta) \tan(\theta) + \sin(\theta) - \sqrt{\theta} + 2 \, d\theta$$
$$\int \sec(\theta) \tan(\theta) + \sin(\theta) - \sqrt{\theta} + 2 \, d\theta = \sec(\theta) - \cos(\theta) + \frac{2}{3}\theta^{3/2} + 2\theta + C$$