

## Svar till dugga 3 2019

1a  $\ln \frac{9}{8}$

1b  $\frac{e^2+1}{4}$

1c  $\frac{2}{3}$

1d  $\frac{\pi}{8}$

2.  $\frac{28\pi}{3}$  v.e

3.  $\frac{7\sqrt{2}-5}{2}$  l.e

4.  $\frac{\pi^3}{2}$  v.e

5.  $\pi^2$  a.e