Maths of the Day

$$\int_0^\infty \frac{\sin(\sin(x))}{x} e^{\cos(x)} dx = \frac{\pi}{2}(e-1)$$

$$\int_0^\infty \frac{\sin(x)\sin(\sin(x))}{x^2} e^{\cos(x)} dx = \frac{\pi}{2}(e-1)$$