

MATH 254 – Test 1 Cheat Sheet

$$s^2 = \frac{1}{n-1} \sum (x_i - \bar{x})^2$$

$$z = \frac{x - \mu}{\sigma}$$

$$r = \frac{1}{n-1} \sum \left(\frac{x_i - \bar{x}}{s_x} \right) \left(\frac{y_i - \bar{y}}{s_y} \right)$$