Error Propagation

$z = a + b(\pm SD_b)$ $\qquad\qquad$ $SD_z = SD_b$

$z = a(\pm SD_a) + b(\pm SD_b)$ $\quad$ $SD_z = \sqrt{(SD_a)^2 + (SD_b)^2}$

$z = a - b(\pm SD_b)$ $\qquad\qquad$ $SD_z = SD_b$

$z = a(\pm SD_a) - b$ $\qquad\qquad$ $SD_z = SD_a$

$z = a(\pm SD_a) - b(\pm SD_b)$ $\quad$ $SD_z = \sqrt{(SD_a)^2 + (SD_b)^2}$

$z = a * b(\pm SD_b)$ $\qquad\qquad$ $SD_z = a * SD_b$

$z = a(\pm SD_a) * b(\pm SD_b)$ $\quad$ $SD_z = (a * b)\sqrt{\left(\dfrac{SD_a}{a}\right)^2 + \left(\dfrac{SD_b}{b}\right)^2}$

$z = \dfrac{a(\pm SD_a)}{b}$ $\qquad\qquad$ $SD_z = \dfrac{SD_a}{b}$

$z = \dfrac{a}{b(\pm SD_b)}$ $\qquad\qquad$ $SD_z = \dfrac{a * SD_b}{b^2}$

$z = \dfrac{a(\pm SD_a)}{b(\pm SD_b)}$ $\qquad\qquad$ $SD_z = \left(\dfrac{a}{b}\right)\sqrt{\left(\dfrac{SD_a}{a}\right)^2 + \left(\dfrac{SD_b}{b}\right)^2}$