## STAAR GRADE 8 MATHEMATICS REFERENCE MATERIALS



	y = mx + b
	y = kx
	$m = \frac{y_2 - y_1}{x_2 - x_1}$
or	$C = \pi d$
	$A = \frac{1}{2}bh$
	A = bh
	$A = \frac{1}{2}(b_1 + b_2)h$
	$A = \pi r^2$
	Total
	S = Ph + 2B
	$S = 2\pi rh + 2\pi r^2$
	V = Bh
	$V = \frac{1}{3}Bh$
	$V = \frac{4}{3}\pi r^3$
	$a^2 + b^2 = c^2$
	I = Prt
	or