

CASIO fx-1000F / fx-5000F
BUILT-IN FORMULA LIST

MATHEMATICS

OPERATION	FORMULA NAME	FORMULA
1 1 9 FMLA	Bernoulli's theorem (2)	$v_2 = \sqrt{\frac{2g(P_1 - P_2)}{\rho} + v_1^2 + 2g(Z_1 - Z_2)}$
1 2 0 FMLA	Bernoulli's theorem (3)	$Z_2 = \frac{P_1 - P_2}{\gamma} + \frac{v_1^2 - v_2^2}{2g} + Z_1$
1 2 1 FMLA	Equation of continuity (1)	$v_2 = \frac{A_1 v_1 \rho_1}{A_2 \rho_2}$
1 2 2 FMLA	Equation of continuity (2)	$A_2 = \frac{A_1 v_1 \rho_1}{v_2 \rho_2}$
1 2 3 FMLA	Module (1)	$M = \frac{D}{Z}$
1 2 4 FMLA	Module (2)	$M = \frac{P}{\pi}$
1 2 5 FMLA	Module (3)	$D_2 = \frac{D_1 Z_2}{Z_1}$
1 2 6 FMLA	Module (4)	$D = \frac{PZ}{\pi}$
1 2 7 FMLA	Reynold's number	$R = \frac{u\ell}{\nu}$
1 2 8 FMLA	Calculations using a stadia	$S = K\ell \cos^2 \alpha + C \cos \alpha$ $h = K\ell \sin 2\alpha + C \sin \alpha$

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