B= Pflind Vasplace g T
s brienged object Valsplaced Volject
floating The Vaisplaced
mg = Pobj Vobj g
B = Poland Varp. g
At equilibrium, mg = B
Cobj Vabj = Calid Volisp.
Value Const. Const. Const.
of fluid is water,
this ratgo is "Specific gravity"
9 1 ce m water  1 1 ce = 920 kg/m <sup>3</sup> (water = 1000 kg  Valspland = Voli; 1000 = 927 Voli
,
The face is underwater
Pobject is average tensity of intermedia part of object
feat is aways of fights material t p of air inside
then ice melts, does water level A) risk B) stu, Some c) fall
15 T -> []

Firel Vreading = Vinited + Valsplaced vater

Volume = Vice Pice - Mise

Volume - View Parker

Firel Vreading = Vinited + Vinelt

with - Will Punter

Will - Mise

Will - Mise

Will - Mise

Will - Mise

Punter

Will - Mise

Punter

Punter

₩ water land stuga the same

Hlvids in Motion Jamesar flow to bulent flow 5 mouth, Chartiz steady messy motion hurd Flux (Liquids) Phi > = volume flowing through expipe, if fluid is incompres sible this war to last longwhere is extra water coming from? flux into a pipe =
flux out of the pype