



Results from all Exams Acceleration graphs Scaling and counting					
	#1	#2	#3	#4	#5
Exam 1	44%	71%	70%	68%	78%
Exam 1MU	53%	72%	35%	77%	64%
Exam 2	65%	50%	76%	76%	71%
Exam 2MU	85%	66%	32%	25%	51%
			$\mathcal{N}$	1	
/16/1		3	Buoya	ancy	Physics





























12/16/1

Physics 131

17



## Foothold ideas: Heat flow

- Objects in contact at different temperatures will tend to exchange energies so that the hotter cools down, the cooler warms up, until they reach the same temperature. (0<sup>th</sup> Law)
- The rates at which thermal energy leaves or enters an object is a property of the material of which the object is made and its surface.
- When we touch an object, we measure the rate of flow of thermal energy not temperature.

19

Physics 131

12/16/1



