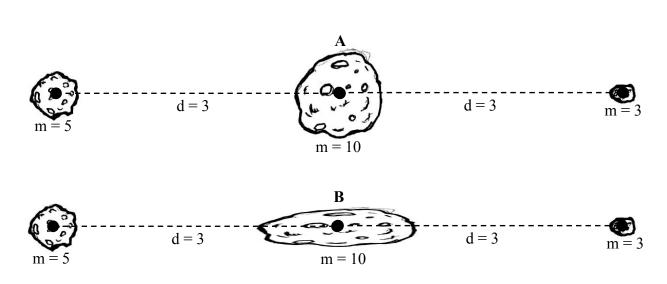
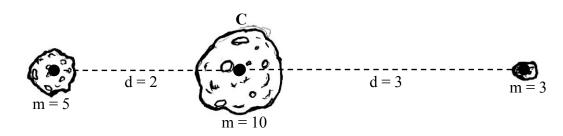
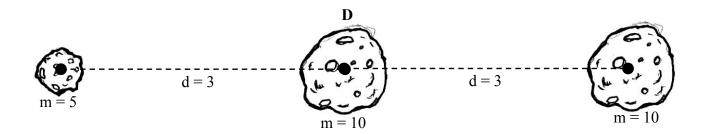
Astronomy Ranking Task: Gravity

Exercise #5

Description: The figures below (A - D) each show a large central asteroid along with two other asteroids located to the right and left of the central asteroid. The masses (m) of the asteroids are expressed in arbitrary units, and the distance (d) from the center asteroid is also expressed in arbitrary units.







gravitational force exerted on the center asteroid by its two neighboring asteroids.				
reatest 1	_ 2	_ 3	4	Least
Or, gravitational forces are all the same strength (indicate with a check mark)				
Carefully explain your reasoning for ranking this way:				
	reatest 1es are all the se	reatest 12ees are all the same stre	reatest 1 2 3 res are all the same strength	reatest 1 2 3 4 res are all the same strength