What is the coefficient μ?

A	The mass of the largest body	0
B	The gravitational constant	0
C	The standard gravitational parameter	0 ✓
D	The acceleration of the smallest object	0

What is the potential energy of a spacecraft in a gravitational field?

A	$E_{pot} = mgh$	0
B	$E_{pot} = -\mu / r$	0 ✓
C	$E_{pot} = \frac{1}{2} v^2$	0

What are the Van Allen belts?

A	Special orbits for SATCOM satellites	0
B	Geological formations that perturb the satellite's orbits	0
C	A feature that increases the lifetime of a satellite	0
D	Regions of higher electron and proton densities	0 ✓

What is the value of the solar flux at the top of the atmosphere (in W/m2)

A	1368	0 ✓
B	9114	0
C	2.6	0
D	1678	0

How does the emitted power changes with temperature?

A	A $P_e \sim T^4$	0 ✓
B	B $P_e \sim T^2$	0
C	C $P_e \sim \sqrt{T}$	0

What is controlled by the the absorptivity/emissivity ratio?

A	The cross section of an object	0
B	The size of an object	0
C	The lifetime of the object	0
D	The equilibrium temperature of an object	0 ✓

If you want to extract a lot of thermal energy from a spacecraft and absorb as least energy as possible, you should choose an absorptivity/emissivity ratio that is... and a surface typically...

A	as large as possible	0
B	as small as possible	0 ✓
C	White	0 ✓
D	Black	0