Name:_____

Rotational Motion & Static Equilibrium Essential Questions List

Question #1: How are rotational measurements analogous to linear measurements?
Answer:

Question #2: How are the rotational kinematic equations analogous to linear kinematic equations?
Answer:

Question #3: How do you calculate the torque on an object?
Answer:

Question #4: How are torque and force related?
Answer:

Question #5: How are torques used in natural and man-made objects and systems?
Answer:

Question #6: What affects the rotational inertia of an object?
Answer:

Question #7: How does the geometry of an object affect its moment of inertia?
Answer:

Question #8: How can rotational inertia and angular velocity of an object be represented in terms of its kinetic energy?
Answer:

Question #9: How can rotational inertia and angular velocity of an object be represented in terms of its angular momentum?
Answer: