

<b>Mechanism #</b> _____		<b>Type</b> _____
<b>Illustration or Photo:</b> <i>Include proper documentation such as force, distance, direction, and key mechanism features.</i>		
<b>Ideal Mechanical Advantage Or Gear Or Speed Ratio Calculation</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

<b>Mechanism #</b> _____		<b>Type</b> _____
<b>Illustration or Photo:</b> <i>Include proper documentation such as force, distance, direction, and key mechanism features.</i>		
<b>Ideal Mechanical Advantage Or Gear Or Speed Ratio Calculation</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

<b>Mechanism #</b> _____		<b>Type</b> _____
<b>Illustration or Photo:</b> <i>Include proper documentation such as force, distance, direction, and key mechanism features.</i>		
<b>Ideal Mechanical Advantage Or Gear Or Speed Ratio Calculation</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

<b>Mechanism #</b> _____		<b>Type</b> _____
<b>Illustration or Photo:</b> <i>Include proper documentation such as force, distance, direction, and key mechanism features.</i>		
<b>Ideal Mechanical Advantage Or Gear Or Speed Ratio Calculation</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

<b>Overall Gear/Speed Ratio of the System:</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

<b>Overall Ideal Mechanical Advantage of the System:</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

<b>Overall Actual Mechanical Advantage of the System:</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

<b>Overall Efficiency of the System:</b>		
<b>Formula</b>	<b>Substitute / Solve</b>	<b>Final Answer</b>

- a. For which mechanism was it the easiest to determine the mechanical advantage or drive ratio? Why was it the easiest?
  
- b. For which mechanism was it the most difficult to determine the mechanical advantage or drive ratio? Why was it the most difficult?
  
- c. Does your compound machine increase or decrease your input force? How do you know?
  
- d. How efficient was your compound machine?
  
- e. What modifications could you make to your compound machine to make it more mechanically efficient?