

Names:

1

Focus & Describe the Physics

(6 pts) **Picture / Diagram & Definitions**

(establish a coordinate system and represent the relevant quantities: symbols and values)

(1 pt) **Question:**

(1 pt) **Target:**

(1 pt) **Approach:**

(3 pts) **Quantitative Relations**

(recast the potentially relevant, general physical and geometric relations in terms of your symbols)

Names:

2

Symbolic Algebra

(7 pts) solve for target(s) without numbers

Evaluate Equation(s)

(1pt) The equation is(n't) reasonable because...

Numeric Calculation

(1 pt) target quantity(ies) & answer question

Evaluate number (s)

(1pt) The answer is(n't) reasonable because...

(2 pts) **Unit Check**

(1/2 pt) Is the answer properly stated?

(1/2 pt) Is the answer complete?