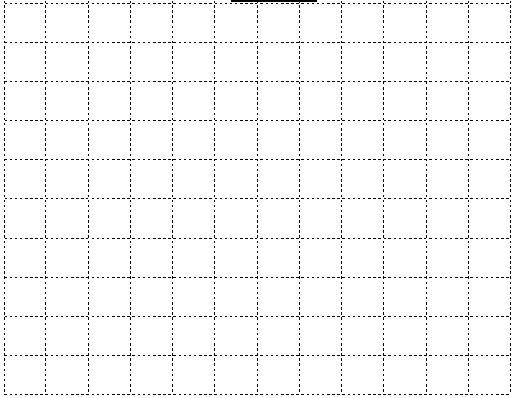


A. Phrase-translation table (for “main feature”, choose from object/person, action, location/time, and quantity).

	Phrase	Main feature	Draw	Phrase	Main feature	Draw
1.			11.			
2.			12.			
3.			13.			
4.			14.			
5.			15.			
6.			16.			
7.			17.			
8.			18.			
9.			19.			
10.			20.			

B. Sketch



C. Quantity

Name	<u>Symbol</u>	\pm	Magnitude	Units	<u>Inc/dec</u>

D. Rate of change with respect to time

<u>Relevant?</u>	<u>Symbol</u>	\pm	Magnitude	Units

E. Primary equation relating relevant quantities

F. Take $\frac{d}{dt}$ of both sides of primary equation.

G. Substitute values into primary equation, if needed to solve for current value of a quantity.

H. Substitute numerical values and solve for variable.

I. Report and interpret a result:

$\frac{d}{dt}$ = _____ means the
 \pm MAGNITUDE UNITS

_____ is _____ at a rate of _____
QUANTITY INC/DEC MAGNITUDE UNITS

WHEN/AT TIME/PLACE/SITUATION

J. Answer the question, if not answered: