

11.2F Activity: Building a Lift Mechanism – Fundamental

Name:

Class/Period:

Date:

Question Sheet

Question 1 What did you notice about the two sets of data points?

Question 2 Do both graphs have the same slope?

Question 3 Can you explain any differences between the two graphs?

11.4 Activity: Rack and Pinion Test Stand

Name:

Class/Period:

Date:

Question Sheet

Question 1 Which pinion was faster? Why?

Question 2 Which pinion could lift more weight? Why?

Question 3 How much weight did the 12T rack and pinion lift?

Question 4 How much weight did the 36T rack and pinion lift?
