3.7_B Work Period_Applications of Quadratic Equations (Max_Min) Worksheetl/#2r(3p2B) 20088)-s18

Are there any Homework Questions you would like to see on the board?

Last day's work: 3.7 Families of Quadratic Functions READ pp. 188-191

p. 192 #1 – 3, 4ac, 5ac, 6, 8, 10

Today's work: Max/Min Problems Worksheet #2 #1-5, 8 [6, 7]

> Once all the quizzes are submied, you may work in groups.

p. 192 #10

10. A tunnel with a parabolic arch is 12 m wide. If the height of the arch 4 m

from the left edge is 6 m, can a truck that is 5 m tall and 3.5 m wide pass through the tunnel? Justify your decision.

through the tunnel? Justify your decision.

$$G = 0.135$$

$$G = 0.13$$