Cart Weight Student Worksheet

Your name: Partner's name if you have a partner: _	Class Period
Welcome to Data Games!	
 Watch the first short video introduction If your teacher wants you to wat type in this URL: http://tinyurl.com/ 	ch this video on your own computer,
2) Open the gameType in this URL to open the <i>Car</i>http://tinyurl.com/	t Weight game: Cartweight-datagame
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5) Watch the second short videoIf your teacher wants you to wat type in this URL:http://tinyurl.com/	ch this video on your own computer, CartVidTwo
lower-right corner of the game b	e Dubuque level, click <i>Levels</i> in the oox. Select the Ames level, and then click er of the Levels box to go back to the

- main game screen.
- Click Clear Data at the top of your screen, and then select Yes, delete the data. In the future, you should decide on your own when you want to clear the data.
- Did you notice that we simplified things for you on the first level by giving the cart no weight? The cart will have a weight on all future levels.
- You will to need score over 250 points to win on the Ames level and unlock the third level. Go ahead and click New Game and play again.

Your name:	Partner's name if any:
7) After playing two or three(Q3) Describe briefly hplaying on the first leven	low playing on this second level is different than
what type of relationsh	ta points for the most recent game on the graph, nip or function does there seem to be between the the total weight of the cart?
_	already, choose Show Movable Line from the er-right corner of the Graph.
	ging its top and bottom until it passes through se that the equation of this line is given.
dragging the line and usin	points in a new game on the Ames level by ag its equation. You can also use the built-in Calc icon in the menu at the top of the screen.
9) After you win on the Ames Davenport.	s level, get set to play on the third level,
10) Win on the Davenport le	vel by scoring over 250 points.
Urbandale, answer these	renport level and unlock the fourth level, questions while reflecting on your work. ust finished, how much does each brick weigh?
 (Q6) In the game you junch had 0 bricks in it? 	ust finished, how much would a cart weigh that
• (Q7) What does the slo Explain.	ope of your movable line represent in this game?
• (Q8) What does the <i>y</i> -i game? Explain.	ntercept of your movable line represent in this

Your name:	Partner's name if any:
 12) Play the fourth level, Urbandal You should now be able to h fourth level, Urbandale. Give 	andle anything you come across on the
	points? Congratulations!! ed to help out a friend who hadn't yet played fourth level. Explain below, as if he or she
• • •	es doubles from one cart to the next, would souble also? Explain why or why not. Give an ou can.
14) Ask your teacher if you should	continue on to the fifth level, Waterloo.