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Write a song that could help your class learn and remember what a linear relationship is.

Create a poster a teacher could display in class to help students understand linear relationships.

Create a Powerpoint presentation you could use to teach a class what a linear relationship is.

Use the following story for your “oval” activity. Rachel is starting a babysitting business. She charges $4 an hour for one child, plus an additional $1 for each additional child.

Create a flyer Rachel could post in her neighborhood to advertise her business. Include a graph or a table displaying her pricing plan. The flyer should describe why her babysitting fee is a good deal for parents.

What do you think of Rachel’s pricing plan? Write her an email explaining why you like it. If you think she should change it, write her an email telling her how and why she should adjust her pricing.

Make a commercial Rachel could air on her local news station to advertise her babysitting business. The commercial should include a clear description of her pricing plan.

Use the following story for your “triangle” question: Herman sees how much money Rachel makes babysitting and decides to start a competing business. He wants to get more business than Rachel, so her charges $6 an hour, no matter how many children he watches.

Who is a better deal for parents, Rachel or Herman? Write a letter to parents in your neighborhood explaining which babysitting they should hire based on who is the best deal.

 Work with a friend to stage a debate for the class about who has the better pricing plan, Rachel or Herman. One person argues for Herman, one person argues for Rachel

Make a handout you could give to parents comparing Rachel and Herman’s babysitting fees.

Linear Relationships Learning Contract:

**Content:**

Linear Relationships

**Expectations:**

Student Work Will:

* Follow Directions
* Display Understanding of Topic
* Presented in a Neat and Legible Manner
* Contain Little or Few Calculation Errors

Student Behavior:

* On Task
* Respectful of Classmates
* Ask for Help When Needed
* Turn in Completed Assignment on Due Date

**Learning Activities:**

Choose one activity from each row. You will have one square, one circle, and one triangle (the color of the shapes does not affect your choice). Circle the activities you choose.

A Rubric is attached to this sheet to show how you will earn full points for this assignment.

Print and Sign your name on the lines below. This shows that you agree to earn the points available for this project by completing the activities that you choose.

Student: Print Name

Student: Sign Name