



Presentation



The Chocolate Factory

Students turn candy bars into math problems.

Materials:

- Presentation Software or Kid Pix
- Optional: *Charlie and the Chocolate Factory* by Roald Dahl

In Preparation:

- This activity would be a wonderful introduction to a unit on multiplication.
- Read a selection from *Charlie and the Chocolate Factory* to get students excited about this activity.
- Your students have just been named marketing directors for a giant chocolate factory. This chocolate factory has a new chocolate bar coming out, and your students must decide how to make it and how it should be packaged.

Restrictions:

The candy bar must have 12 chocolate squares, each the same size.

The candy bar must be symmetrical. No odd shapes. (This is a cost effective measure demanded by the Chocolate Bar Wrapping Department.)

Procedure:

- Your students must draw a model of each idea they have. They should be encouraged to come up with at least three. Show them how to write the number of squares in number form: 3 X 4 (three squares by four squares). Each candy bar must be clearly labeled.
- Discuss which candy bar is most practical. Why might some sell better than others? Make up multiplication problems for each candy bar.