

November Math Challenge 2009

Name _____

Grade ____ Classroom _____

Kindergarten – 2ND grade:

Xtremeland uses popcorn boxes that are 6 inches high, 4 inches wide and 3 inches deep. The box company made a mistake and sent them boxes that are twice as high, twice as wide and twice as deep.

How big are the new boxes that Xtremeland received? Draw a picture and label the sides.

3RD – 5th grade:

The popcorn manager decides to use the new boxes but make twice as much popcorn as they usually make. Will they have enough popcorn?

6th – 8th grade:

Take two sheets of 8-1/2 by 11 inch paper. Roll one into a short cylinder and the other into a tall cylinder. Does one hold more than the other? If you like popcorn, which one would you buy?

Please answer your challenge on this sheet (show your work on the back if you need to) and return it to the Math Challenge box outside the front office by the last school day of the month!