MathFLIX CHALLENGE
A Picture is Worth a Thousand Words

Read the stories and draw a picture to find the solutions. You may need to use extra paper.

1a) A drawer is filled with black and white socks. How many socks must you pull from the drawer before you are sure to get a matching pair?

1st pull   *2nd pull*   *3rd pull*

1b) Diane's candy jar has a mixture of gumdrops, nougats, and caramels. How many pieces of candy must you take out to be sure of getting at least two of the same kind? How many pieces if you want three of the same kind?

1c) The gumball machine at Loyola has five colors of gum balls which cost 5¢ each. How much money do you need to spend to be sure you get three gum balls of the same color?

2a) Devin has five posts in a row behind his house. He strings lights between the posts each Christmas. How many strings of lights does he use?

2b) Twelve beads are placed on a necklace at 8 inch intervals. How far is the first bead from the last.

2c) A cricket sits at the bottom of a 18 foot deep drain. Each night he hops up 3 feet then during the day he slides back 2 feet. How long will it take the cricket to get out of the drain?