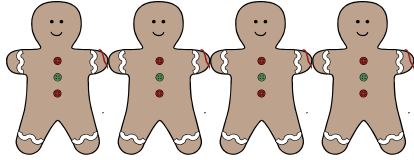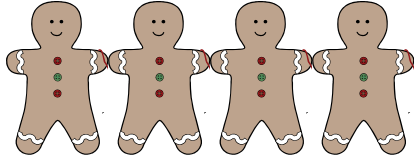Name: _____ Date: _____

Gingerbread Man Chain

Jenny is making a gingerbread chain for the class bulletin board. Each gingerbread man measures 3 inches across from the tip of one hand to the tip of the other hand. The gingerbread men cutouts are placed side by side touching hands.   The bulletin board is 72 inches across. Jenny plans to put a gingerbread man chain at the top of the bulletin board and another gingerbread man chain at the bottom of the bulletin board.

- How many gingerbread men will Jenny need to complete the bulletin board?
- Jenny can make four gingerbread men from a sheet of brown construction paper. How many sheets will she need to make all of the gingerbread men?

Explain your best mathematical thinking using numbers, words, tables, and/or pictures.

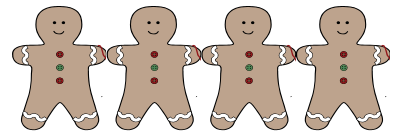Name: __*Possible Solution*__   Date: _____

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- Each gingerbread man measures 3 inches across.
- 4 gingerbread men would measure 12 inches across or 1 foot.
- The bulletin board is 72 inches or 6 feet across, so Jenny needs 6x4 = 24 gingerbread men to go across the top of the bulletin board.
- Jenny also needs 24 gingerbread men to go across the bottom of the bulletin board.
- ANSWER: Jenny needs a total of 48 gingerbread men.

- Jenny can cut 4 gingerbread men from a sheet of brown construction paper.
- Jenny needs 48 gingerbread men, so 48 divided by 4 per sheet is 12 sheets.
- ANSWER: Jenny will need 12 sheets of brown construction paper to make her gingerbread man border.