



Gingerbread Man Bake Sale



Ruby is making gingerbread men for the holiday bake sale. She wants to make as many different gingerbread men as she can using these decoration choices.

- Ruby can fit a dozen gingerbread man cookies on each cookie sheet. Can she make each gingerbread man on the cookie sheet look different?
- How many different gingerbread men can Ruby make? Make a list all of the different combinations.

Choices:

EYES:

Blue Circles
Green Triangles
Orange Squares

NOSE:

Pink sphere
Red cone

BUTTONS:

Purple diamonds
Yellow stars

CHALLENGE: (Answer on the other side of this paper.)

Ruby decides to make gingerbread man cookies for her classmates. She wants to be able to have 24 different gingerbread men because there are 24 students in her class. Will she be able to do this? If so, explain. If not, explain what Ruby would need to be able to make 24 different cookies.