

Home Connections in Mathematics

Holiday Math: Everyday Math

Involving your child in using numbers to solve problems is an easy and simple way to improve their number sense.

- “If each person gets two cookies and we have 14 people coming, How many cookies do we need to bake?”
- “If we need $\frac{2}{3}$ of a cup of sugar for one serving of our recipe. If we are doubling this recipe, how much sugar will we need?”
- “One store is selling a Christmas tree for \$20.00 with 20% off. Another store is selling Christmas trees for \$15.00. Which tree is cheaper?”

Write an addition and or multiplication sentence that describes the total number of chocolates in the picture below:



What is the pattern rule for the 3rd row?



Which One Doesn't Belong?

Mathematical reasoning involves classifying objects and justifying that classification. Children can be asked which item in a set does not belong. There are no right or wrong answers as long as your child is able to justify their choice.



Mathematical justification might include references to shape and size, types of angles, number vertices, faces. etc.

Decoration Symmetry/Art

Making decorations, such as snowflakes, from folding and cutting paper and investigating symmetry is easy, enjoyable and promotes spatial reasoning in your child.

Playing Games

Spending quality time with your family playing board games and card games is a great way to improve math skills. Games help children to use their logical and reasoning skills, boost critical thinking and gain spatial reasoning. Playing games with others also helps children to build social and communication skills.

Here is a list of games you could try:

- Monopoly
- Snakes and Ladders
- Sorry
- Yahtzee
- Go Fish
- Memory
- UNO
- Chess/Checkers
- Phase 10
- Scrabble

