

Advent Calendar Math!



It's the Christmas Countdown: 24 days of getting ready and feeling excited. While you're going from one day to the next, we have a zany idea: let's add to the fun with a little math! Here are some questions that we think a fifth grader should be able to do, but if you've got a younger math maven at home, by all means break out the extra pencils!

1. 24 days sounds like a long time...how many weeks and days is it, exactly?
_____ weeks
_____ days
2. If you figure that every one of these 24 days has 24 hours in it, how many hours will it be from midnight, November 30th to midnight, December 24th?
3. The 25th of December—Christmas Day—starts at 12:01 AM, just after midnight. If you've convinced your parents to let you stay up that late, and they tell you that you can't open presents until 10 AM, how many MINUTES until you open your first present? _____
4. Everyone is very happy this year because Uncle Ogfred and Aunt Beatrice have promised to visit. They plan to drive 300 miles in their new sports car to get to your house. If they drive 50 miles per hour the whole way with no breaks, how long will they be driving?
5. Cousin Fred has offered to pick up a supply of eggnog for your family. Three kids think it's gross and don't plan to drink any. But there are six grownups who each expect to drink 16 ounces. If you're going to have enough for everyone, with none left over, how many quarts should Cousin Fred buy?
6. Everybody is very excited about an annual Christmas tradition: Cookie Day! You will fill 10 plates with cookies to deliver to your neighbors. Each plate will contain 5 of Grandma's Deep Fudge-o-Rama Bars and 10 of Aunt Sylvia's lacy toffee cookie crisps. How many Fudge Bars should you plan to make, and how many lacy toffee cookie crisps?

Extra Bonus: When Christmas is over, you will have 365 days until next year. How many hours is that? _____