

Easter Math Word Problems

Name: _____

Date: _____

1. Willian was so excited about the upcoming Easter egg hunt on Sunday at 2:00 pm that he figured out that it was exactly 52 hours away. On what day and and what time did Willian figure this out?
2. Thad found the following Easter eggs in the Easter egg hunt: twelve orange, eleven purple, nine pink, eleven yellow, four green and eight blue. Each orange egg contained three candies; purple and yellow eggs contained two candies each; pink and green eggs contained one candy each; and blue eggs contained six candies each. How many candies did Thad get all together?
3. Belinda decided to decorate one hundred Easter cupcakes and give them to her friends. Each batch required four cups of powdered sugar to make the icing necessary for sixteen cupcakes. How many cups of powdered sugar did she use for all one hundred cupcakes?
4. Adrienne filled a jar with jelly beans and ran a competition to see if anyone could guess how many jelly beans were in the jar. The correct number was five hundred eighty-one, but she got a variety of guesses from ten of her friends: two-hundred fifty, one thousand nine hundred ninety-nine, five hundred, seven hundred fifty, six hundred twelve, six hundred nineteen, one thousand, three hundred fifty-five, six hundred seven, and seven hundred forty-four. Adrienne wanted to tell everyone how far they were off the correct amount and the average amount everyone was off. List the amount each person was off and calculate the average.

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5. Jonathan made seven Easter baskets for needy children with donations of money from the community. In the end, Jonathan had ten dollars and twenty-five cents left over which he donated to the local food bank. Each basket contained twelve dollars and fifty-five cents worth of candy and gifts. How much money did Jonathan receive in donations from the community?

6. Christa's mother is an egg farmer. Two years ago, she sold twenty-four thousand dozen eggs for thirty-six thousand dollars. Last year, there was more demand for eggs, so she needed to sell five percent more eggs and each dozen was worth twenty percent more. How many dozen eggs did she sell last year and for how much? How many eggs was that?

7. If every letter is given a value based on its position in the alphabet (i.e. A=1, B=2, C=3, and so on), how much are each of the following worth and how much in total? EASTER, BUNNY, CHOCOLATE, SPRING, EGGS

8. Manuela decorated for Easter and made various Easter silhouettes out of twelve inch by nine inch construction paper. Each bunny silhouette she made required a six inch by six inch piece of construction paper, each basket a nine inch by nine inch piece, and each egg a three inch by three inch piece. If she used the paper efficiently and made five bunnies and three baskets, how many eggs did she make with the left over paper?

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9. The Easter Bunny discovered that out of the thousand homes in one neighborhood, forty-five percent were occupied by a single person and the rest were occupied by families. Out of the family homes, sixty percent had children and there was an average of one and seven tenths children in each of these families. How many Easter gifts did the Easter Bunny leave behind if every child in the neighborhood got a gift?

10. In Charlene's household, her dad was always asking math questions and the morning of Good Friday was no different. He said, "Three plus six times a number is equal to half of the answer to ten plus twenty times seven. What is the number? Once you get the number, we'll start breakfast."

11. Michael loved carrots and recently got a juicer which made carrot juice! After a little experimenting, he found that it took an average of four and a half carrots for every cup of carrot juice. He had previously determined that there was an average of five and a half carrots in every pound. Carrots were on sale, so he thought that he would buy enough carrots for the entire month of April, so he could have one cup of carrot juice every day. How many pounds of carrots did he buy?

12. Jeremy was invited to make and decorate a Paschal candle for his church. The mold was cylindrical in shape, and made a candle four inches in diameter and forty-two inches tall. Beeswax is sold in one pound blocks, but he wasn't sure what the volume was of each block. He discovered that beeswax weighs 0.961 grams per cubic centimeter, there are approximately 0.454 kilograms in a pound and 2.54 centimeters in an inch. How many one pound blocks of beeswax will he need to make the candle?

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13. Benjamin's Easter playlist lasted exactly five hours and four minutes. Each song averaged three minutes and twelve seconds. How many songs were on the playlist?

14. Henrietta's family visited Henrietta's grandparents for Easter. Their plane left New York at 20:05 and landed in Seattle at 23:25. How long was the flight?

15. Over ten years, the Easter bunny sock hop became more and more popular. The first year, it attracted only ten sock hoppers. The next year, that number increased by fifty percent! The third year doubled the number from the year before. The following year, there were one and two tenths the hoppers from the year before. Twenty additional hoppers appeared in the fifth year. In the sixth year, the numbers increased by triple the increase from the second year. Nine additional hoppers appeared in each of the seventh and eighth years. Only one addition hopper was added in the ninth year, but in the tenth year, there was a ten percent jump. How many hoppers attended the Easter bunny sock hop in the tenth year?

16. Miss Landry put all of her spare change into a bunny bank (you know, like a piggy bank) throughout the year. At Easter, she donated all the change to the local food bank, but not before her fifth grade students helped to count it all. They counted nine hundred eighty-four quarters, one thousand two hundred fifty-eight dimes, five hundred three nickels and four hundred ninety-nine pennies. How much did Miss Landry donate to the food bank?

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17. Kristen's older brother told her that there were more blue Easter eggs in the hunt this year than the other five colors. "In fact," he said, "I'll bet about one quarter of the eggs you find will be blue." Kristen found 15 orange, 25 blue, 12 green, 17 yellow, 13 purple and 18 pink eggs. Was her brother's prediction correct? If not, what is the correct statement?
18. Rita had three one square meter pieces of colored fabric to make Easter ribbons. If each ribbon required a piece of fabric fifty centimeters long and eight centimeters wide, how many ribbons did she make?
19. Marcellus and his friends painted one thousand eight Easter eggs and sold them for for a dollar each. Each tube of paint was enough for one hundred ten eggs. Of course, they didn't paint every egg a solid color, but it gave them an idea of how much paint to buy. Thirty percent of the paint they bought was red (\$3.29 a tube), two fifths was blue (\$2.79 a tube), one tenth was white (\$2.49 a tube) and the rest was yellow (\$2.99 a tube). The eggs cost them \$2.50 a dozen. After the cost of the eggs and paint, how much did they make in profit?
20. For the Easter triathlon, Hobert had to compete carrying an Easter egg the whole time! Last year, his total time was one hour, twenty-three minutes and seven seconds. This year, he was twelve seconds faster in the foot race, two minutes and six seconds slower in the bicycle race, and a whopping five minutes and forty-one seconds faster in the swimming event. What was his time this year? How much faster or slower was he than last year?