



A Day at the Fair: Real-Life Math



Math is everywhere, especially at the fair! Solve these real-world problems.

1. You arrive at the fair at 10:00 AM and leave at 3:00 PM. How many hours were you there? _____
2. You have \$20. Tickets cost \$12. How much money will you have for snacks? _____
3. You want to ride the Ferris wheel 3 times. Each ride costs \$2. What is the total cost? _____
4. A recipe for a pie at the baking contest needs 4 apples. You want to make 3 pies. How many apples do you need? _____
5. You are sharing a pizza cut into 8 slices with a friend. If you both eat an equal amount, how many slices do you each get? _____
6. The parking lot has 10 rows with 20 spots in each row. How many cars can park there? _____
7. You buy a drink for \$1.50 and a pretzel for \$2.50. What is the total cost? _____
8. A farmer brought 50 pumpkins to the fair. He sold 38. How many does he have left? _____

9. You need to be at the puppet show at 1:15 PM. It is currently 12:45 PM. How many minutes do you have to get there? _____

10. There are 4 people in your family. Each person wants 2 corn dogs. How many corn dogs should you buy? _____

11. You are saving for a souvenir that costs \$15. You save \$3 each week. How many weeks will it take? _____

12. A game stall has 100 rubber ducks. 45 are yellow, and the rest are blue. How many are blue? _____

13. You walk 1 mile to the fair and 1 mile back. How many miles did you walk in total? _____

14. A bag of popcorn costs \$4.25. You pay with a \$5 bill. What is your change? _____

15. The fair is open for 8 hours a day. How many hours is it open in a full week (7 days)? _____

Answer Key

1. 5 hours | 2. \$8 | 3. \$6 | 4. 12 apples | 5. 4 slices | 6. 200 cars | 7. \$4.00 | 8. 12 pumpkins
| 9. 30 minutes | 10. 8 corn dogs | 11. 5 weeks | 12. 55 | 13. 2 miles | 14. \$0.75 | 15. 56
hours