



GAMES

# Math Puzzles Collection

Numbers and Logic - Volume 1

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## Introduction

Sharpen your mathematical skills with these fun and challenging puzzles from W for Electronics!

## Easy Level

1. What is  $15 + 27$ ?
2. If you multiply 6 by 8, what do you get?
3. What is half of 84?
4.  $100 - 37 = ?$

## Medium Level

1. Find X:  $3X + 5 = 20$
2. What is 25% of 200?
3. If a rectangle has length 8 and width 5, what is its area?
4. What is the next prime number after 17?

## Hard Level

1. Solve:  $2^5 + 3^3 = ?$
2. If the radius of a circle is 7, what is its circumference? (Use  $\pi = 22/7$ )
3. Find the missing number: 1, 4, 9, 16, ?, 36
4. What is 15% of 300?

## Logic Puzzles

1. A farmer has 17 sheep. All but 9 run away. How many sheep are left?
2. If it takes 5 machines 5 minutes to make 5 widgets, how long would it take 100 machines to make 100 widgets?
3. A bat and a ball cost \$1.10 together. The bat costs \$1.00 more than the ball. How much does the ball cost?

## Answers

Easy Level:

1. 42
2. 48
3. 42
4. 63

Medium Level:

1.  $X = 5$
2. 50
3. 40 square units
4. 19

Hard Level:

1.  $32 + 27 = 59$
2. 44 ( $2 \times 22/7 \times 7 = 44$ )
3. 25 (perfect squares)
4. 45

Logic Puzzles:

1. 9 sheep
2. 5 minutes
3. \$0.05

Great job completing these puzzles!

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