



# Super Sleuth Challenge



## Grade 2 Problem Solving Worksheet (Expert)

Name: \_\_\_\_\_

Date: \_\_\_\_\_



### Expert Word Problems

*Watch out for extra information you don't need!*

1. A farmer has 10 cows, 8 pigs, and 5 chickens. How many legs do the chickens have in total?

2. You have \$5. You buy a book for \$2 and a pen for \$1. Your friend has 3 books. How much money do you have left?

3. There are 4 weeks in a month. Each week has 7 days. How many days are in 2 weeks?

4. A class has 12 boys and 15 girls. 10 students are wearing blue shirts. How many students are in the class in total?

5. You need 3 apples to make a pie. You have 10 apples. How many pies can you make?



## Find the Rule

*Find the rule for the pattern, then find the next number.*

6. 2, 6, 10, 14,  Rule:

7. 50, 45, 40, 35,  Rule:

8. 1, 3, 2, 4, 3,  Rule:

9. 100, 90, 81, 73,  Rule:

10. 1, 1, 2, 3, 5,  Rule:



## Advanced Logic

Think hard to solve these puzzles!

11. If 3 cats have 12 legs, how many legs does 1 cat have?

12. A bat and a ball cost \$1.10 in total. The bat costs \$1.00 more than the ball. How much does the ball cost?

13. You have a red, a blue, and a green car. The red car is not first. The blue car is between the red and green cars. What is the order of the cars?

14. What has an eye, but cannot see?

15. I am an odd number. Take away one letter and I become even. What number am I?



## Answer Key

**Expert Word Problems:** 1. 10 legs ( $2 \times 5$ ), 2. \$2, 3. 14 days, 4. 27 students, 5. 3 pies

**Find the Rule:** 6. 18, Rule: Add 4. 7. 30, Rule: Subtract 5. 8. 5, Rule: +2, -1. 9. 66, Rule: -10, -9, -8... 10. 8, Rule: Add previous two numbers.

**Advanced Logic:** 11. 4, 12. 5 cents, 13. Green, Blue, Red, 14. A needle, 15. Seven

You are a certified problem-solving genius!