



Typical Word Problems

From Easy to More Difficult

- A. A number is increased by 12 to get 27. What was the original number?
- B. A number is 4 more than 9. What is the number?
- C. If John is 24 years old now, how old was he 8 years ago?
- D. If Bert lost 19 lbs., he would weigh 127 lbs. How much does Bert weigh now?
- E. A scalper can get 3 times as much as the regular price for a centre ice seat. If a centre ice seat regularly costs \$18, how much will the scalper get for the ticket?
- F. Lily is 8 years older than her sister Rose. Next year, Lily will be twice as old as Rose. How old are they now?
- G. Jan is three times as old as Sue. In 5 years, Jan will be twice as old as Sue. How old are they now?
- H. Dawn is 4 years younger than Eve. Two years ago, Dawn was 3 times as old as Eve. How old are they now?
- I. Five years ago, Ray's grandma was five times as old as he was. In 5 years, she will be 3 times as old. How old are they now?
- J. Last year, Dan was twice as old as Anne. In 5 years, Anne will be $\frac{3}{4}$ as old as Dan. How old are they now?
- K. A rectangle with an area of 27 square metres is 3 times longer than it is wide. What are the dimensions of the rectangle?
- L. The sum of two consecutive odd numbers is 40. What is the smaller number?



- M. The sum of three consecutive even numbers is 42. What is the second number?
- N. There are three consecutive odd numbers. The sum of the first and third numbers is 38. What is the second number?
- O. The sum of two consecutive multiples of 3 is 51. What are the two numbers?
- P. Chris has some nickels and dimes, a total of 12 coins. There are twice as many nickels as dimes. How much money does Chris have?
- Q. A coat costing \$45 is priced at \$15 less than twice the price of a pair of pants. How much do the pants cost?
- R. Last year, Tony scored three times as many goals as Tom. If Tony scored 24 goals, how many did Tom score?
- S. The number of people who came to Queen Elizabeth Park last week was 3400 less than the number who went to Stanley Park. If 12,100 people visited Stanley Park last week, how many people went to Queen Elizabeth Park?
- T. Find a number that is 54 greater than its opposite.
- U. Find a number whose product with 10 is the same as its sum with 63.
- V. A lemon contains 10 more mg of vitamin C than an orange, and 15 more mg of vitamin C than a lime. As well, 2 limes and an orange have the same amount of vitamin C as a lemon. How many mg of vitamin C are there in a lemon?

SOLUTIONS

- A. 15 B. 13 C. 16 D. 146 lbs. E. \$54 F. Rose is 7; Lily is 15.
G. Sue is 5; Jan is 15. H. Dawn is 4; Eve = 8. I. Ray is 15; grandma is 55.
J. Anne is 4; Dan is 7. K. $3\text{ m} \times 9\text{ m}$ L. 19 M. 14 N. 19 O. $24 + 27$ P. 80¢ Q. \$30
R. 8 S. 8700 T. 27 U. 7 V. 20 mg

