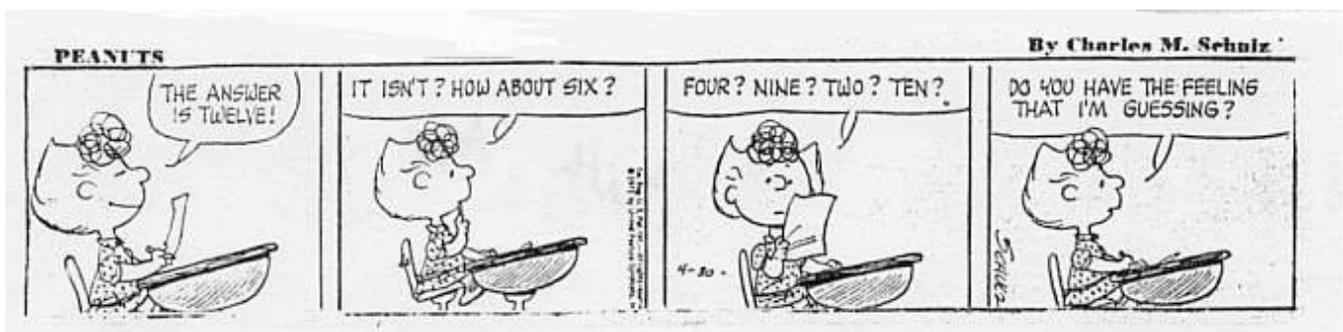


Station 1

Consecutive Integer Problems

1. Find two consecutive integers whose sum is 45.
2. Find two consecutive even integers such that the sum of the larger and twice the smaller is 62.
3. Find three consecutive odd integers such that the sum of the smallest and 4 times the largest is 61.
4. Find three consecutive odd integers such that the largest decreased by 3 times the second is 47 less than the smallest.



Station 2

Coin Problems

1. Maria has three times as many dimes as nickels and twice as many quarters as dimes. In all Maria has \$5.55. How many coin of each type does he have?
2. Nicolette has \$3.10 consisting of quarters, dimes, and nickels. She has twice as many quarters as dimes and 3 more dimes than nickels. Find the number of each kind of coin.
3. Chloe has \$3.20 in quarters and dimes in her purse. In all, she has 20 coins. Find the number of each coin Chloe has.



Station 3

Age Problems



1. Eva is 5 times as old as James. In 12 years, she will be twice as old as James will be then. How old are they now?
2. Richard is 14 and his grandfather is 54. How many years ago was his grandfather 6 times as old as Richard?
3. The sum of Pedro and his father is 50 years. Eight years from now, Pedro's father will be twice as old as Pedro will be then. Find their present ages.

Station 4

Perimeter Word Problems

1. The first side of a triangle is 7 cm less than twice the second side. The third side is 4 cm longer than the first side. The perimeter is 80 cm. Find the length of each side.

2. The length of a rectangle is 3 times the width. If the length is decreased by 4 meters and the width is increased by 1 meter, the perimeter will be 66 meters. Find the dimensions of the original rectangle.

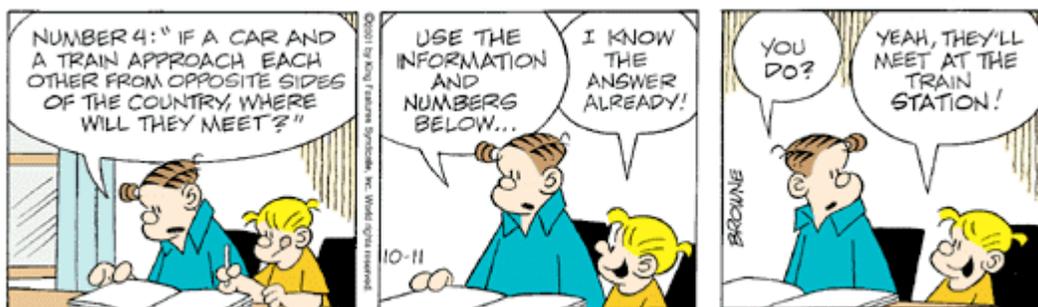
3. The perimeter of a rectangle is 40 feet. The length is 2 feet more than 5 times the width. Find the dimensions of the rectangle.



Station 5

Motion Problems

1. Saratoga and New York are 180 miles apart. A truck traveled from New York toward Saratoga at the rate of 65 miles per hour. Another truck traveled from Saratoga toward New York at the rate of 55 miles per hour. How many miles did each travel before they met?
2. Two trains started from the same station at the same time and traveled in opposite directions. After traveling 10 hours, they were 1,400 miles apart. The rate of the fast train exceeded the rate of the slower train by 5 miles per hour. Find the rate of each train.
3. Amberly left her home at 7 am, driving her car at the rate of 45 mph. At 9 am, her brother Justin drove after her along the same highway, traveling at the rate of 60 mph. In how many hours did Justin pass Amberly?



Station 6

Number Problems

1. Eight times a number equals 35 more than the number. Find the number.

2. The second of three numbers is 6 more than the first. The third number is twice the first. The sum of the three numbers is 26. Find the three numbers.



3. The second of three numbers is 1 less than the first. The third number is 5 less than the second. If the first number is twice as large as the third, find the three numbers.