It takes half an hour for Jenny to go half of the way from school to home. How long does it take Jenny to go to school from home?

(A) 15 minutes (B) half an hour (C) 1 hour (D) 2 hours (E) 40 minutes

by Julie Roy

Marko has 9 sweets and Tomo has 17 sweets. How many sweets does Tomo need to give to Marko so that each boy has the same number of sweets?

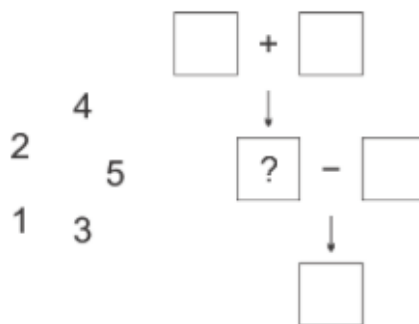(A) 2 (B) 3 (C) 4 (D) 5 (E) 6

by Julie Roy

Mother ordered 2 pizzas and sliced each of them into 8 pieces for Vera's birthday. There were 14 children at the party including Vera. How many slices are left over if mother gives one slice to each child?

(A) 5 (B) 4 (C) 3 (D) 2 (E) 1

Place each of the numbers 1, 2, 3, 4, 5 into one box so that everything is correct. Which number goes into the box marked with question mark?

4
2
  5
1 3

$$\Box + \Box$$
$$\downarrow$$
$$\boxed{?} - \Box$$
$$\downarrow$$
$$\Box$$

(A) 1 (B) 2 (C) 3 (D) 4 (E) 5

Rick and Tom were building an igloo. Each hour Rick made 8 snow bricks and Tom made two bricks less. How many bricks did they make together in three hours?

(A) 14 (B) 30 (C) 42 (D) 48 (E) 54

by Julie Roy

Rabbit Hoppy eats cabbages and carrots. Each day he eats either 10 carrots, or 2 cabbages. Last week Hoppy ate 6 cabbages. How many carrots did he eat?

(A) 20 (B) 30 (C) 34 (D) 40 (E) 50

by Julie Roy

Put the digits 2, 3, 4 and 5 in the squares and calculate the sum to get the largest value. What is that value?

$$\square\square + \square\square$$

(A) 68 (B) 77 (C) 86 (D) 95 (E) 97

by Julie Roy

Shakari has 4 red cubes, 3 blue cubes, 2 green cubes and 1 yellow cube. He builds a tower (see the picture) in such a way that no two adjacent cubes have the same colour. What is the colour of the middle cube?

(A) red (B) blue (C) green (D) yellow
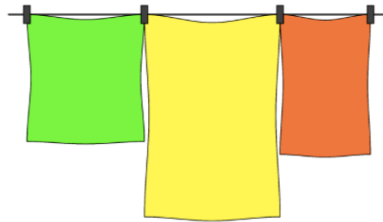
by Julie Roy

Thirteen children are playing hide and seek. One of them is the "seeker". After a while nine children have been found. How many children are still hiding?

(A) 3 (B) 4 (C) 5 (D) 7 (E) 22

by Julie Roy

Father hangs the laundry outside on a clothesline. He wants to use as few pegs as possible. For three towels he needs four pegs, as shown.
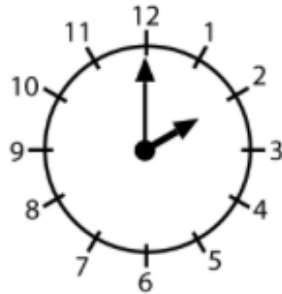

How many pegs does he need for nine towels?
(A) 9 (B) 10 (C) 12 (D) 16 (E) 18

by Julie Roy

The clock shows the time when Stephen leaves his school. School lunch starts three hours before school ends. At what time does lunch start?

(A) 1 (B) 2 (C) 5 (D) 11 (E) 12

by Julie Roy

A dragon has three heads. Every time a hero cuts off one head, three new heads emerge. The hero cuts one head off, and then he cuts off one more head. How many heads does the dragon have now?

(A) 8 (B) 7 (C) 6 (D) 5 (E) 4

by Julie Roy

Eve brings twelve candies, Alice nine candies and Irene doesn't bring any candy. They put all the candies together on a table and divide them equally among themselves. How many candies does each of the girls get?

(A) 3 (B) 7 (C) 8 (D) 9 (E) 12
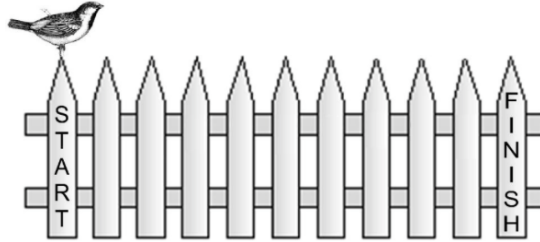
by Julie Roy

Winnie the Pooh bought four apple pies and Eeyore bought six cheese cakes. They each paid the same, and together they paid 24 euros. How many euros does one cheese cake cost?

(A) 2 (B) 4 (C) 6 (D) 10 (E) 12

by Julie Roy

Sparrow Jack jumps on a fence from one post to another. Each jump takes him one second. He makes four jumps ahead, then one jump back and again four jumps ahead and one back etc. In how many seconds will Jack jump from START to FINISH?

(A) 10 (B) 16 (C) 12 (D) 13 (E) 14

by Julie Roy

Grandmother made eleven cookies. She decorated five cookies with raisins and then seven cookies with nuts. At least how many cookies were decorated with both raisins and nuts?

(A) 1 (B) 2 (C) 5 (D) 7 (E) 12

by Julie Roy

What number is covered by the flower?

$$\bigcirc + \triangle = 3$$
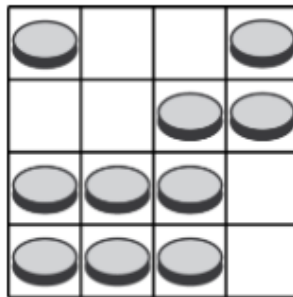$$\triangle + \triangle = 4$$
$$\triangle + \square = 5$$
$$\bigcirc + \square = \text{❀}$$

(A) 1 (B) 2 (C) 3 (D) 4 (E) 5

by Julie Roy

There are coins on the board. We want to have two coins in each column and two coins in each row. How many coins need to be removed?
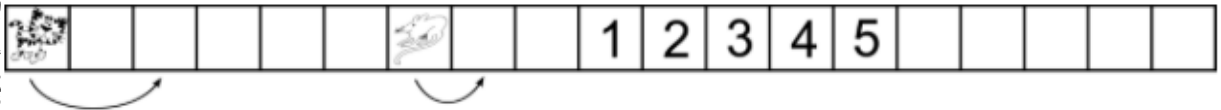

(A) 0 (B) 1 (C) 2 (D) 3 (E) 4

by Julie Roy

Cat and Mouse are moving to the right. When Mouse jumps 1 tile, Cat jumps 2 tiles at the same time.

| | | | | | | | | 1 | 2 | 3 | 4 | 5 | | | | | |

On which tile does Cat catch Mouse?
(A)1 (B)2 (C)3 (D)4 (E)5

Problem Solving Questions B

I am a number. If you count by 10, you will say my name. If you add me to 30, you will get a number less than 60. Who am I?

(A)20 (B)30 (C)40 (D)50 (E)60

Problem Solving Questions B