1) What number does the letter A represent in the equation below?

$$A + 7 = 12$$

2) What number does the letter B represent in the equation below?

$$(2 \times B) + 7 = 11$$

3) A rectangle has one side with length 3 and one side of length L (a mystery number). If the perimeter of the rectangle is the same as its area, what is L?

4) Samantha brought a box of cookies to school. She gave half of them to her friends and then ate two herself. Afterwards there were 8 cookies left. How many cookies did Samantha start with?

5) A dance group consists of 25 boys and 19 girls. Each week, the dance group obtains 2 new boys and 3 new girls. In how many weeks will the dance group have the same number of boys as girls?

6) At her birthday a girl's age in months is equal to her grandpa's age in years. Together their ages give 91 years. Find the age of grandpa and his granddaughter.

7) Ted is 3 years younger then his brother Rodd. Five years ago the sum of their ages was 27. How old are Ted and Rodd now?

8) A farmer has only chickens and cows on his farm, in total 30 animals. The number of all legs of all the chickens is two times as large as the number of legs of all the cows. How many chickens are there?