How Do Owners of Large Estates Spend Their Time?

Solve each problem and find your solution below. Cross out the box containing that solution. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

1. Barbara is 142 cm tall. This is 2 cm less than 3 times her height at birth. Find her height at birth.

2. A bicycle is on sale at $12 more than half of the regular price. If the sale price is $75, find the regular price.

3. A set of children's blocks contains three shapes: longs, flats, and cubes. There are 3 times as many longs as cubes, and 30 fewer flats than longs. If there are 600 blocks in all, how many longs are there?

4. The length of a rectangular field is 7 m less than 4 times the width. The perimeter is 136 m. Find the width and length.

5. Find three consecutive odd integers such that the sum of the smallest and 7 times the largest is 68.

6. Mark is 11 years older than his sister. In 8 years he will be twice as old as she will be then. How old are they now?

7. A Sugar Dud has 30 less than twice as many calories as a Krunchy Krum. If 5 Sugar Duds have the same number of calories as 8 Krunchy Krums, how many calories are in each?

8. The perimeter of a triangle is 71 cm. The first side is 3 cm shorter than the second side, and the third side is twice as long as the first side. Find the length of the longest side.

9. In a week Mike ran 8 km farther than Bill, while Pete ran 1 km less than 3 times as far as Bill. If Pete ran 15 km farther than Mike, how many kilometers did Bill run?

10. The larger of two consecutive integers is 7 greater than twice the smaller. Find the integers.

11. A square and a rectangle have the same perimeter. The length of the rectangle is 4 cm less than twice the side of the square, and the width of the rectangle is 6 cm less than the side of the square. Find the perimeter of each figure.

AS	MI	LA	LE	ND	TT	SH	IN	GT	AX
$126	11	40 cm	12	38 cm	5, 7, 9	75, 120	5, 16	$132	3, 14
HE	RE	IR	LO	MA	TS	NO	CA	SH	RS
16 m, 55 m	48 cm	9, 11, 13	270	80, 130	15 m, 53 m	292	−6, −5	34 cm	−8, −7