

Word Problems with Two Unknowns – Homework

1. One number is 25 more than another number. If their sum is 131, what are the two numbers?
2. One number is 14 more than another number. Their sum is 58. Find the numbers.
3. Corbett's sold 3 more footballs than basketballs on Saturday. In total they sold 27 balls. How many of each kind were sold?
4. A hamburger has twice as many calories as a bowl of soup. Together they have 738 calories. How many calories are in each?
5. Carmen's golf score was 6 strokes less than Lisa's. Their two scores totaled 168. What was each girl's score?
6. The sum of two consecutive numbers is 191. What are the two numbers?
7. A log is to be cut into two pieces so that one piece is 150 cm longer than the other. If the log is 400 cm long in total, how long will each piece be?

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7. A log is to be cut into two pieces so that one piece is 150 cm longer than the other. If the log is 400 cm long in total, how long will each piece be?

8. The sum of three consecutive numbers is 243. What are the three numbers?
9. A 50 m cable is cut into three sections. Two sections are the same length and the third section is 2 m longer than the other two. Find the length of each section.
10. The sum of two consecutive even numbers is 278. What are the two numbers?
11. Find three consecutive numbers if the sum of the first and third number is 538.
12. Champs sold twice as many footballs as basketballs and 5 more soccer balls than basketballs. If they sold a total of 65 balls, how many of each kind did they sell?

ANSWERS

- 1]** 53, 78 **2]** 22, 36 **3]** 12, 15 **4]** 246, 492 **5]** 81, 87 **6]** 95, 96 **7]** 125 cm, 275 cm **8]** 80, 81, 82
9] 16m, 16m, 18m **10]** 138, 140 **11]** 268, 269, 270 **12]** 15, 30, 20

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