

Word Problems

1. Small ones weigh 3 lb, big ones weigh 4 lb. The number of small ones is 3 more than twice the number of big ones. All together, they weigh 79 lb. How many small ones are there?
2. One side of a rectangle is 7 cm shorter than five times the other side. Find the length of the sides if the perimeter of the rectangle is 118 cm.
3. One side of a rectangle is 7 cm shorter than five times the other side. Find the length of the sides if the area of the rectangle is 430 cm^2 .
4. The sum of two consecutive even integers is -170 . Find these numbers.
5. We have a jar of coins, all quarters and dimes. All together, they are worth \$17.60 We have 13 more quarters than dimes. How many quarters, how many dimes?
6. The sum of three consecutive odd integers is 57. Find these numbers.
7. One side of a rectangle is 3 cm shorter than four times the other side. Find the sides if the perimeter of the rectangle is 204 cm.
8. The opposite of a number is 18 more than twice the number. Find this number.
9. Two times a number is 5 less than the sum of 80 and the opposite of the number. Find this number.
10. Red pens cost \$1 each, blue ones cost \$1.50 each. We bought some pens. The number of red pens is 7 less than five times the number of blue pens. How many of each did we buy if we paid \$58?
11. 55 people showed up on the party. There were 3 less women than men. How many men were there?
12. Ann and Betty dine together. The total bill is \$38. Ann paid \$2 more than Betty. How much did Betty pay?