



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 \_\_\_\_\_ The sum of three numbers is 967. The largest number is 14 times the smallest, and the smallest is 39 less than the middle number. Find the numbers.

2 \_\_\_\_\_ The product of 31 and a number is 868. What is the number?

3 \_\_\_\_\_ One number is 92 times another. Their sum is 4929. Find the numbers.

4 \_\_\_\_\_ 24 times a number increased by 19 is 1531. Find the number.

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

**PREVIEW**

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8 \_\_\_\_\_ 63 more than 76 times a number is 1507. What is the number?

9 \_\_\_\_\_ 13 more than 97 times a number is equal to the number increased by 8749. What is the number?

10 \_\_\_\_\_ One of two numbers is  $\frac{1}{4}$  of the other number. The sum of the numbers is 405. Find the numbers.



## ANSWER KEY

1 58, 97, 812 The sum of three numbers is 967. The largest number is 14 times the smallest, and the smallest is 39 less than the middle number. Find the numbers.

2 28 The product of 31 and a number is 868. What is the number?

3 4876, 53 One number is 92 times another. Their sum is 4929. Find the numbers.

4 63 24 times a number increased by 19 is 1531. Find the number.

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8 19 63 more than 76 times a number is 1507. What is the number?

9 91 13 more than 97 times a number is equal to the number increased by 8749. What is the number?

10 81, 324 One of two numbers is  $\frac{1}{4}$  of the other number. The sum of the numbers is 405. Find the numbers.