



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

1 \_\_\_\_\_ One of two numbers is  $\frac{2}{4}$  of the other number. The sum of the numbers is 600. Find the numbers.

2 \_\_\_\_\_ 22 times a number increased by 52 is 470. Find the number.

3 \_\_\_\_\_ 4640 is equal to the product of 80 and some number. Find the number.

4 \_\_\_\_\_ The product of two numbers is 2920. One number is 33 less

5 \_\_\_\_\_ even  
ir \_\_\_\_\_ es the  
fi \_\_\_\_\_  
6 \_\_\_\_\_ 5 less

**PREVIEW**

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8 \_\_\_\_\_ 35 more than 32 times a number is equal to the number increased by 345. What is the number?

9 \_\_\_\_\_ The sum of three numbers is 7888. The largest number is 95 times the smallest, and the smallest is 31 less than the middle number. Find the numbers.

10 \_\_\_\_\_ The product of two numbers is 300. One number is 71 less than the other. What are the number?



## ANSWER KEY

1 200, 400 One of two numbers is  $\frac{2}{4}$  of the other number. The sum of the numbers is 600. Find the numbers.

2 19 22 times a number increased by 52 is 470. Find the number.

3 58 4640 is equal to the product of 80 and some number. Find the number.

4 40, 73 The product of two numbers is 2920. One number is 33 less than

5 4 is the number of integers less than 100. Find

6 -2 is the number of integers less than 100.

7 -3 is the number of integers less than 100.

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8 10 35 more than 32 times a number is equal to the number increased by 345. What is the number?

9 81, 112, 7695 The sum of three numbers is 7888. The largest number is 95 times the smallest, and the smallest is 31 less than the middle number. Find the numbers.

10 4, 75 The product of two numbers is 300. One number is 71 less than the other. What are the number?