



Name _____ Class _____ Date _____

1 _____ $\frac{1}{4}$ of a number is 85.

2 _____ 486 more than the second of three consecutive even integers is the same as the difference between the third and 14 times the first. Find the numbers.

3 _____ The product of two numbers is -324. One number is 45 less than the other. What are the number?

4 _____ $\frac{1}{6}$ of a number is equal to 95 is 119. What is the number?

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8 _____ One of two numbers is $\frac{1}{2}$ of the other number. The sum of the numbers is 294. Find the numbers.

9 _____ The product of 17 and a number is 1564. What is the number?

10 _____ 77 more than 54 times a number is equal to the number increased by 4847. What is the number?



ANSWER KEY

- 1 **340** $\frac{1}{4}$ of a number is 85.
- 2 **41, 43, 45** 486 more than the second of three consecutive even integers is the same as the difference between the third and 14 times the first. Find the numbers.
- 3 **-9, 36** The product of two numbers is -324. One number is 45 less than the other. What are the number?

4 **60** $\frac{1}{2}$ of a number increased by 95 is 110. What is the number?

5 **19** the

6 **8**

7 **9**

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- 8 **98, 196** One of two numbers is $\frac{1}{2}$ of the other number. The sum of the numbers is 294. Find the numbers.
- 9 **92** The product of 17 and a number is 1564. What is the number?
- 10 **90** 77 more than 54 times a number is equal to the number increased by 4847. What is the number?