



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

1 \_\_\_\_\_ 94 less than 85 times a number is 6111. Find the number.

2 \_\_\_\_\_ 1146 more than the second of three consecutive even integers is the same as the difference between the third and 26 times the first. Find the numbers.

3 \_\_\_\_\_ 58 is equal to the quotient of a number and 31. Find the number.

4 \_\_\_\_\_ 39 is equal to the quotient of a number and 42. Find the

5 \_\_\_\_\_ and the

6 \_\_\_\_\_ is 57

7 \_\_\_\_\_ is the

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8 \_\_\_\_\_ 67 times a number increased by 19 is 1359. Find the number.

9 \_\_\_\_\_ The product of 65 and a number is 3835. What is the number?

10 \_\_\_\_\_  $\frac{3}{4}$  of a number decreased by 66 is 63. Find the number.



## ANSWER KEY

- 1 **73** 94 less than 85 times a number is 6111. Find the number.
- 2 **48, 50, 52** 1146 more than the second of three consecutive even integers is the same as the difference between the third and 26 times the first. Find the numbers.
- 3 **1798** 58 is equal to the quotient of a number and 31. Find the number.
- 4 **1638** 39 is equal to the quotient of a number and 42. Find the number.

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times

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- 5 **3** n
- 6 **7** th
- 7 **7**
- 8 **20** 67 times a number increased by 19 is 1359. Find the number.
- 9 **59** The product of 65 and a number is 3835. What is the number?
- 10 **172**  $\frac{3}{4}$  of a number decreased by 66 is 63. Find the number.