

# Mental Math Multiplication Tricks Review

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Test Your Knowledge on Multiplication Strategies!

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about mental math multiplication tricks.

1. What is the trick for multiplying a number by 11?

- A. Add the number to itself with a shift
- B. Subtract the number from 100
- C. Multiply by 10 and add the number

2. Explain how you can multiply a number by 25 using mental math. What steps do you take?

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3. Multiplying by 50 involves dividing by 2 and then multiplying by 100.

- True       False

4. To multiply a number by 99, you first multiply by \_\_\_\_ and then subtract the original number.

5. Which multiplication trick would you use for 200?

- A. Multiply by 2 and then add 0
- B. Multiply by 25 and then double
- C. Multiply by 50 and add 0

6. How can using these multiplication tricks help you in real life? Give an example.

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7. The multiplication trick for 25 is to multiply the number by 4 and then subtract 100.

- True       False

8. Using mental math strategies builds \_\_\_\_ and mathematical confidence.

9. What can you do to multiply a number by 50?

- A. Multiply by 2 and then multiply by 100
- B. Divide by 2 and multiply by 50
- C. Divide by 2 and multiply by 100

10. Which multiplication trick did you find most interesting and why?

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## Answer Key

1. Add the number to itself with a shift    2. To multiply by 25, divide the number by 4 and then multiply by 100.    3. True    4. 100    5. Multiply by 2 and then add 0    6. These tricks can help me quickly calculate prices when shopping or when I need to split a bill.    7. False    8. computational fluency    9. Divide by 2 and multiply by 100    10. I found the trick for 99 interesting because it is a quick way to calculate. I like how it simplifies tricky numbers.