

# Large Number Multiplication Problems

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## Overview

Candidates in Case Interviews frequently need to multiply large numbers when calculating Revenue, or in Marketing Sizing and Estimation problems. The numbers involved are usually large — practice your large number multiplication skills with the problems below, and register for the *FastMath Ace the Case* Online Course to learn mental calculation methods for these types of problems.

## Abbreviations

The following abbreviations are used in the problems:

**K**: Thousand

**M**: Million

**B**: Billion

1)  $4 \text{ K} \times 50$

8)  $20 \text{ M} \times 7 \text{ K}$

2)  $8 \text{ M} \times 4 \text{ K}$

9)  $40 \text{ M} \times 350$

3)  $20 \text{ M} \times 125$

10)  $84 \text{ K} \times 500$

4)  $60 \text{ K} \times 3 \text{ K}$

11)  $280 \text{ K} \times 75$

5)  $400 \text{ K} \times 7 \text{ K}$

12)  $440 \text{ K} \times 150$

6)  $24 \text{ M} \times 5 \text{ K}$

13)  $360 \text{ M} \times 25$

7)  $160 \text{ M} \times 250$

14)  $240 \text{ M} \times 750$



15)  $25 \text{ M} \times 60 \text{ K} \times 15\%$

18)  $200 \text{ M} \times 15 \text{ K} \times 12\%$

16)  $40 \text{ M} \times 6 \text{ K} \times 25\%$

19)  $2.5 \text{ K} \times 12 \text{ K} \times 15$

17)  $80 \text{ M} \times 45 \text{ K} \times 40\%$

20)  $320 \text{ K} \times 50 \times 6$