
求 B

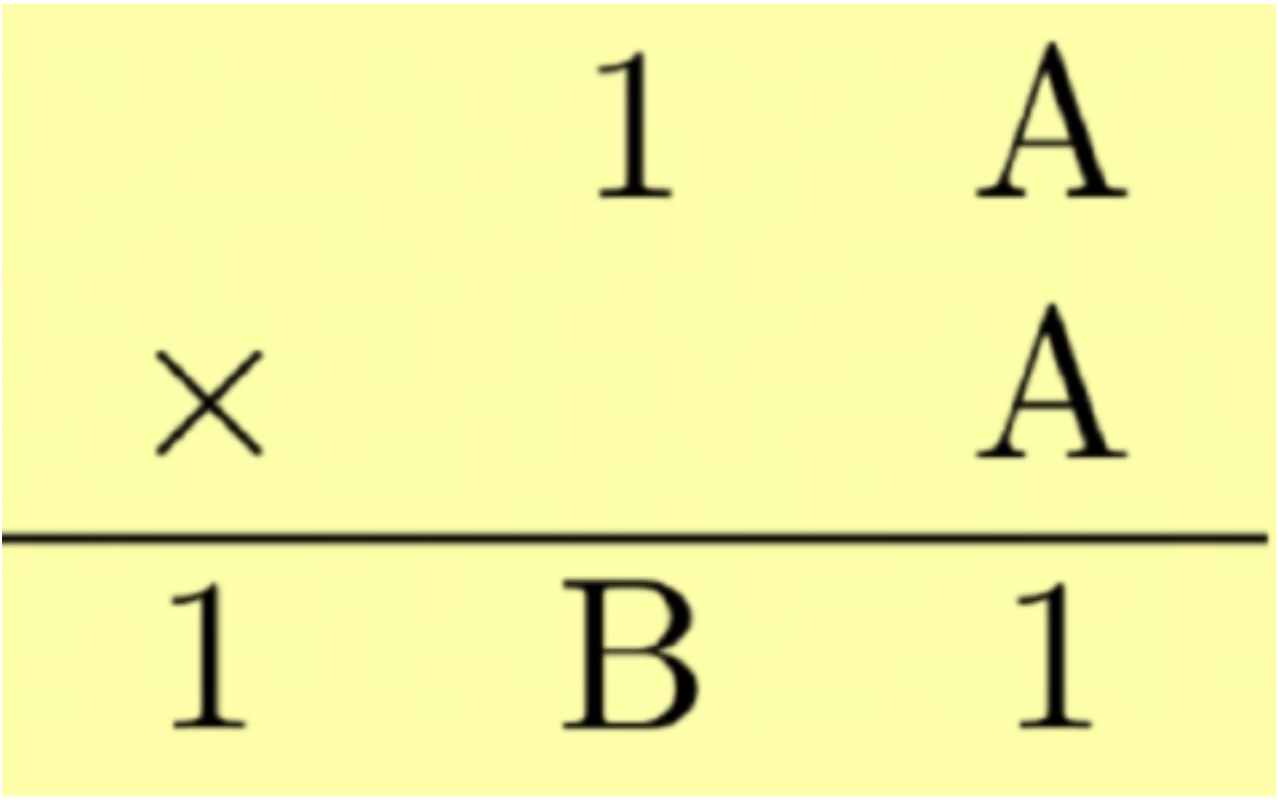
- A is either 1 or 9

- But A can’t be 1 if the product is 3-digit

- Therefore A must be 9

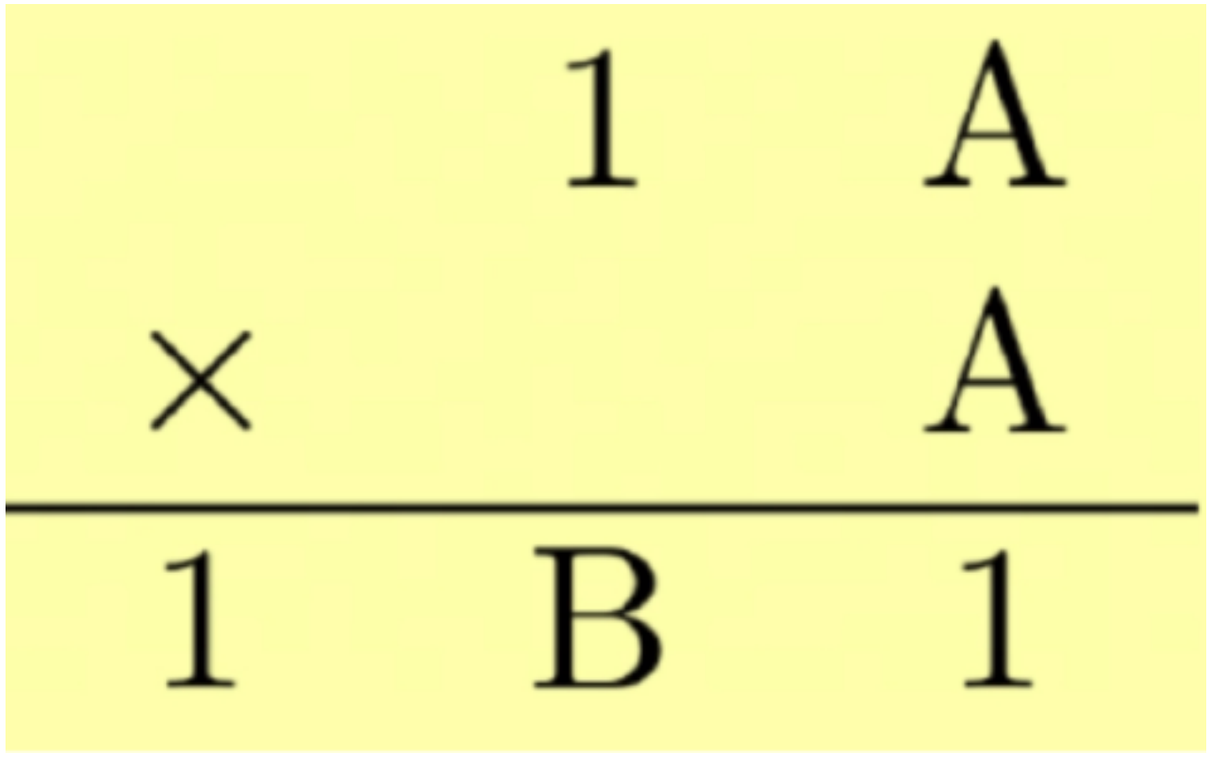
- B must be 7

- A and B stands for 2 different digits


1 A
× A
1 B 1

求 B

- A and B stands for 2 different digits



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- B must be 7

求 D

$$\begin{array}{cccccc} & & 1 & A & B & 4 \\ \times & & & & & C \\ \hline 1 & 0 & 7 & 4 & D & \end{array}$$

i. 5

ii. 6

iii. 4

iv. 3

- We can eliminate 5 and 3.
- For D to be 6, C is either 4 or 9 (1194 X 9 =10,746 10746)
- For D to be 4, C is either 1 or 6 (impossible)