Near-base multiplication

ANSWER KEY

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Use after completing the practice page. Values are generated by the page's shared engine.

Equivalent exact representations are valid where the prompt allows them. Non-integer results are rounded to two decimals.

1 **Answer: 9506**

Multiply the two offsets: 6; Left part after carrying or borrowing: 95; Right part (0-99): 6; Final product: 9506

2 **Answer: 9801**

Multiply the two offsets: 1; Left part after carrying or borrowing: 98; Right part (0-99): 1; Final product: 9801

3 **Answer: 9506**

Multiply the two offsets: 6; Left part after carrying or borrowing: 95; Right part (0-99): 6; Final product: 9506

4 **Answer: 8827**

Multiply the two offsets: 27; Left part after carrying or borrowing: 88; Right part (0-99): 27; Final product: 8827

5 **Answer: 12099**

Multiply the two offsets: 99; Left part after carrying or borrowing: 120; Right part (0-99): 99; Final product: 12099

6 **Answer: 11130**

Multiply the two offsets: 30; Left part after carrying or borrowing: 111; Right part (0-99): 30; Final product: 11130

7 **Answer: 11918**

Multiply the two offsets: 18; Left part after carrying or borrowing: 119; Right part (0-99): 18; Final product: 11918

8 **Answer: 10961**

Multiply the two offsets: -39; Left part after carrying or borrowing: 109; Right part (0-99): 61; Final product: 10961

9 **Answer: 7998**

Multiply the two offsets: 98; Left part after carrying or borrowing: 79; Right part (0-99): 98; Final product: 7998

10 **Answer: 8722**

Multiply the two offsets: 22; Left part after carrying or borrowing: 87; Right part (0-99): 22; Final product: 8722

11 **Answer: 7905**

Multiply the two offsets: 105; Left part after carrying or borrowing: 79; Right part (0-99): 5; Final product: 7905

12 **Answer: 8505**

Multiply the two offsets: -95; Left part after carrying or borrowing: 85; Right part (0-99): 5; Final product: 8505

Practise interactively and explore the method:

https://goofergames.com/math/world/near-base

Free for educational use: teachers may print and share the worksheets with their students.