



Vedic-style shortcuts, in context

PRACTICE WORKSHEET

12 exercises | A4 | 1 / 2

Name: _____ Date: _____

Show your working in the blank space or on separate paper. Sketch labelled rods/beads when asked to represent a number.

1 Calculate 98×97 .

2 Calculate 99×99 .

3 Calculate 98×97 .

4 Calculate 97×91 .

5 Calculate 109×111 .

6 Calculate 105×106 .

7 Calculate 101×118 .

8 Calculate 97×113 .

9 Calculate 93×86 .

10 Calculate 89×98 .

11 Calculate 85×93 .

12 Calculate 81×105 .

Practise interactively and explore the method:

<https://goofergames.com/math/world/vedic-style>



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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