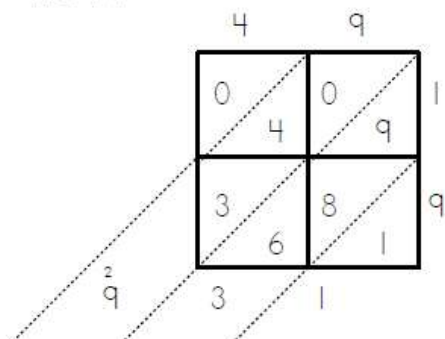


Lattice Multiplication

Solve: 49×19



Answer: $49 \times 19 = 931$

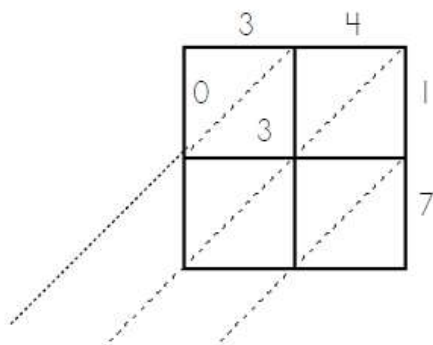
Step 1: Write the numbers you're multiplying along the top and side of the grid.

Step 2: Multiply the single digits on the top by the single digits on the side to fill in the squares.

Step 3: Add diagonally to find your answer.

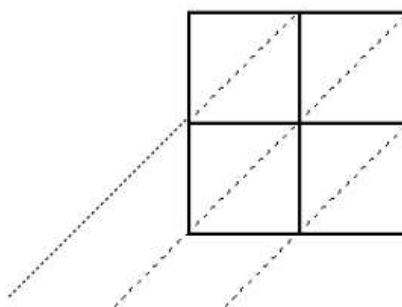
Note: When adding, you may have to carry double digit sums to the next place.

Find 34×17 .



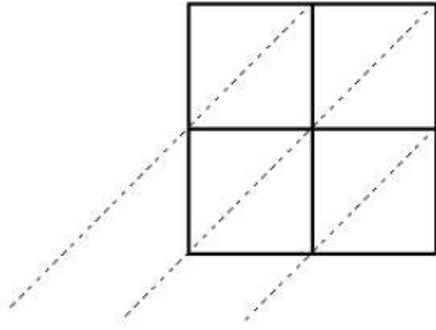
Answer: _____

Find 86×39 .



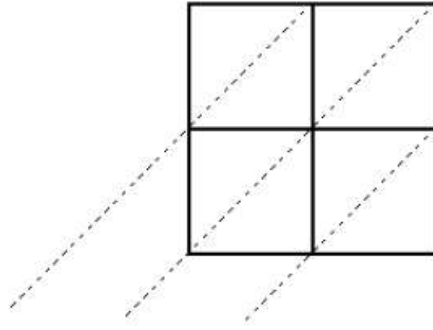
Answer: _____

Find 24×56 .



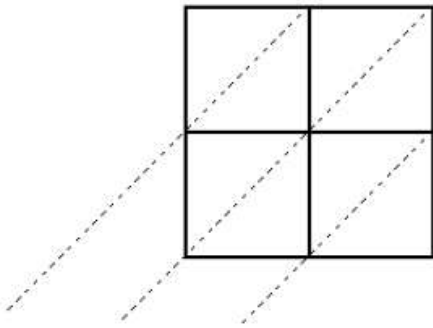
Answer: _____

Find 53×29 .



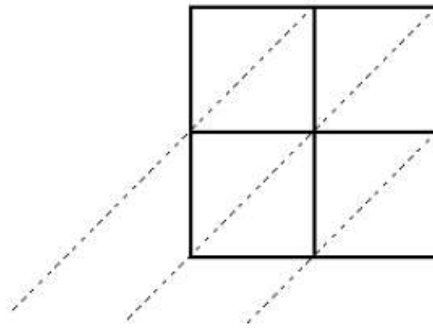
Answer: _____

Find 71×80 .



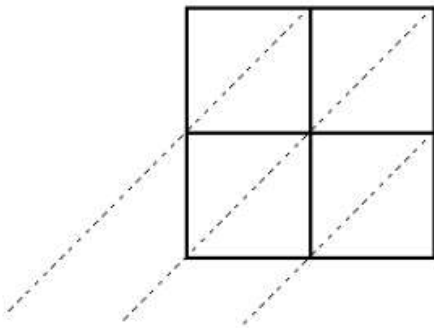
Answer: _____

Find 83×27 .



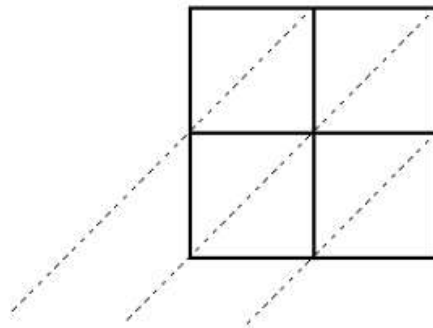
Answer: _____

Find 13×83 .



Answer: _____

Find 41×46 .



Answer: _____

Name: _____

Basic Algebra



Evaluate each expression.

$$a = 3, \quad b = 5, \quad c = 6$$

1. $a + 5$ _____

2. $15 - c$ _____

3. $4b$ _____

4. $\frac{18}{c}$ _____

5. $20 - a$ _____

6. $11b$ _____

7. $\frac{45}{b}$ _____

8. $a - 2$ _____

9. $a + b + c$ _____

10. $\frac{c}{a}$ _____

$$p = 12, \quad q = 2, \quad r = 30$$

11. $q50$ _____

12. $\frac{r}{q}$ _____

13. $p + 4 + 6$ _____

14. $p - 7$ _____

15. $10r$ _____

16. $\frac{r}{10}$ _____

17. $\frac{p}{4}$ _____

18. $r - p$ _____

19. $r - q$ _____

20. $\frac{48}{p}$ _____

Now try this:

Write five of your own algebraic expressions on the back of this paper.
Have a friend solve them.