

Lattice multiplication and scaffolding division.

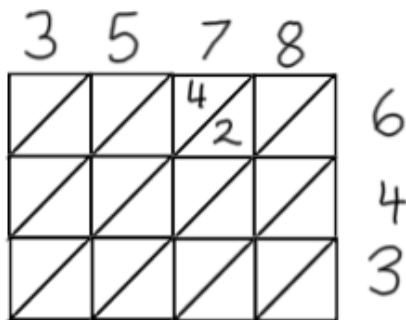
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1. Find the following products using lattice multiplication:

a. 367×79

b. 483×796

2. In the lattice multiplication problem below, $7 \times 6 = 42$ goes in the filled in box as shown. What place values do the 4 and the 2 from 42 end up in when they are added into the final product? Explain why those are the right place values for them to be in.



3. Show how to find the quotient and remainder for each division problem using scaffolding division. Use scaffolding in a way that uses easier multiplication steps, not the most efficient possible multiplication steps.

a. $48579 \div 8$

b. $7623 \div 16$