

Multiply With Place Value



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

Break a factor into parts

For 23×4 , use $20 \times 4 + 3 \times 4 = 80 + 12 = 92$. The partial products must keep their place values.

1. Complete: $34 \times 6 = 30 \times 6 + \underline{\quad} \times 6$.

2. Find 34×6 .

3. Find 25×12 using $25 \times 10 + 25 \times 2$.

4. Find 42×13 .

5. A student says $31 \times 4 = 12 + 4$. What should the first partial product be?

6. Explain why $17 \times 5 = 10 \times 5 + 7 \times 5$.
