

Name: \_\_\_\_\_ Date: \_\_\_\_\_

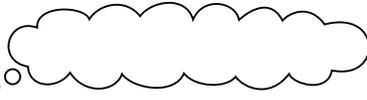
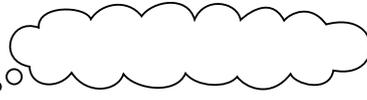
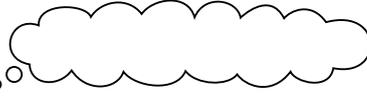
# Multiplication HTO x TO using partitioning

- Use partitioning to calculate HTO x TO
- Estimate and check the answer to a calculation

Estimate the answer first, then partition each of these calculations to work out the answer.

## Example

$$\begin{aligned}
 263 \times 38 &\rightarrow 300 \times 40 = 12\,000 \\
 &= (200 \times 38) + (60 \times 38) + (3 \times 38) \\
 &= 7600 + 2280 + 114 \\
 &= 9994
 \end{aligned}$$

|   |   |
|---|---|
| <p><b>a</b> <math>254 \times 53 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p>   | <p><b>b</b> <math>524 \times 28 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p>   |
| <p><b>c</b> <math>362 \times 45 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p> | <p><b>d</b> <math>529 \times 32 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p> |
| <p><b>e</b> <math>464 \times 47 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p> | <p><b>f</b> <math>359 \times 64 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p> |
| <p><b>g</b> <math>527 \times 73 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p> | <p><b>h</b> <math>635 \times 23 \rightarrow</math> </p> <p>=</p> <p>=</p> <p>=</p> |