Multiplication HTO × O using partitioning

Use partitioning to calculate HTO × O

Challenge 1

1 a $7 \times 2 =$ ☐
b $70 \times 2 =$ ☐
c $700 \times 2 =$ ☐

2 a $4 \times 8 =$ ☐
b $40 \times 8 =$ ☐
c $400 \times 8 =$ ☐

3 a $7 \times 4 =$ ☐
b $70 \times 4 =$ ☐
c $700 \times 4 =$ ☐

4 a $9 \times 6 =$ ☐
b $90 \times 6 =$ ☐
c $900 \times 6 =$ ☐

5 a $7 \times 7 =$ ☐
b $70 \times 7 =$ ☐
c $700 \times 7 =$ ☐

6 a $9 \times 8 =$ ☐
b $90 \times 8 =$ ☐
c $900 \times 8 =$ ☐

Challenge 2

Write the answer to each of these calculations. Work the answer out mentally, using partitioning.

Challenge 3

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

a 467×4
b 468×6
c 738×4
d 383×3
e 267×9
f 691×7
g 684×5
h 794×8
i 815×9
j 609×8

Example

$463 \times 5 \rightarrow 500 \times 5 = 2500$
$= (400 \times 5) + (60 \times 5) + (3 \times 5)$
$= 2000 + 300 + 15$
$= 2315$