## Multiplication using the expanded written method

Use the expanded written method to calculate multiplication of TO  $\times$  O





Partition these numbers into 10s and 1s.

a 45

74

**b** 38

**c** 63

f 82

g 27

Example

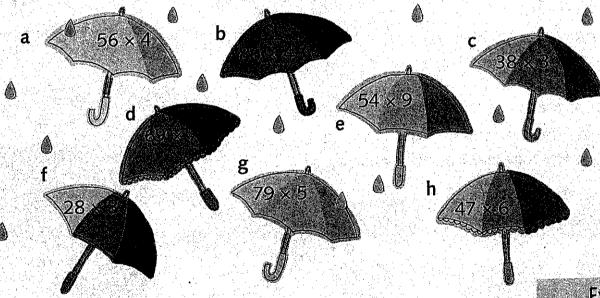
87 = 80 + 7

d 56

h 94



1 Write an approximate answer for each of these calculations.



2 For each of the calculations in Question 1, use the expanded written method to work out the answer. Then check your answer with your estimate.



Example

H T O 6 3

<u>× 8</u>

2 4 (3×

<u>4 8 0</u> (60 ×

<u>5 0 4</u>



Choose three of your calculations from Challenge 2. Write a word problem to match.