Long Multiplication using the Grid Method   Primary 7

256 X 47

X	200	50	6
40	8000	2000	240
7	1400	350	42

Say the sum. Round the numbers and estimate your answer. Remember to check this at the end to see if your estimate was a good guide.

PARTITION – MULTIPLY – ADD

1. Partition the number into hundreds, tens and units and put these numbers into the grid.
2. Multiply 200 x 40. 200 x 4 = 800. 800 x 10 = 8000.
3. Multiply 50 x 40. 50 X 4 = 200. 200 X 10 = 2000.
4. Multiply 40 x 6. 4 x 6= 24. 24 x 10 = 240.
5. Multiply 200 x 7 = 1400, 50 x 7 = 350 and 6 x7= 42, using the same language as above.
6. Now add these numbers, being careful to have each number in the correct place value column.