Expanded Short multiplication

Step	What to do	How it should look (for 45 X 6)	1
1	Write the numbers, remembering to: • only put 1 digit in each box • put units under units	4 5 6	
2	Write the multiplication symbol (x)	4 5 x 6	
3	Draw an equals line	4 5 x 6	
4	Multiply the units by the units. Write the answer, and beside it in brackets, what calculation you used to get it	4 5 x 6 3 0 (5 x 6)	
5	Multiply the units by the tens. Write the answer, and beside it in brackets, what calculation you used to get it	4 5 x 6 3 0 (5 x 6) 2 4 0 (4 0 x 6)	
6	Draw another equals line and use column addition to add the answers	4 5 x 6 3 0 (5 x 6) 2 4 0 (4 0 x 6) 2 7 0	
7	Use estimation to check if the answer 'looks right'		