|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| WALT: Use expanded multiplication to multiply 2 - digit numbers by 1 digit | | | | | Teacher | DATE: |
| 1 | I can use my known facts to calculate related multiplication number sentences | | | | | |
| 2 | I can multiply 2- digit numbers by a single digit when calculations are set out for me. | | | | | |
| 3 | I can set out my own calculations to multiply 2 - digit numbers by a single digit. | | | | | |
| **My effort today:** | | Needed to be better | Was good | Gave me a ‘Sense of Pride’ | | |
| **Vocabulary**  Multiple = a number that may be divided by another a certain number of times without a remainder  Multiplicand: First number in a multiplication sentence e.g. 5 x 4 = 20  Multiplier: Second number in a multiplication sentence e.g. 5 x 4 = 20  Product: The answer from multiplying two numbers (the multiplicand and the multiplier together. | | | | | | |

**Consolidation 1:**



This is an example of expanded multiplication. Lay your questions out using the squares in your book and your ruler. Remember to put the number sentences in brackets.

7 2

4 0

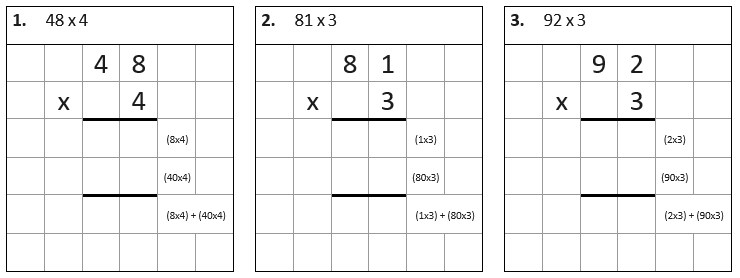
3 2

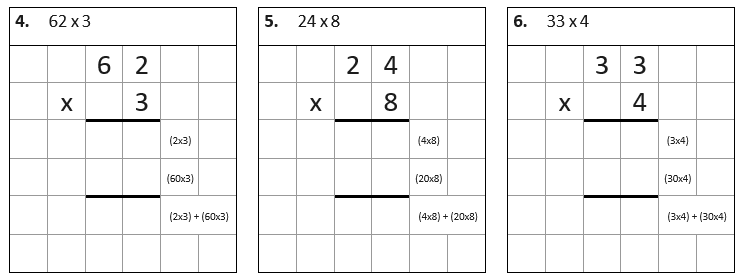
1. 19 x 5 = 2) 17 x 4 = 3) 16 x 3 =

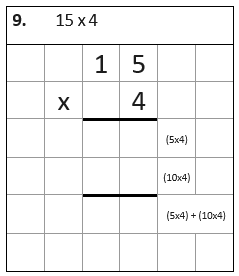
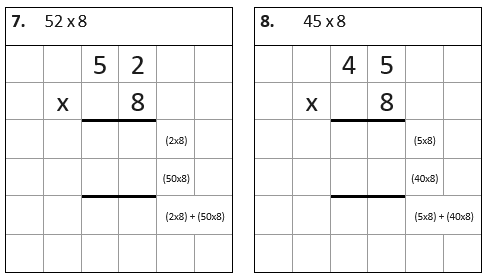
**Consolidation 2:**

1) 3 x 3 = 2) 3 x 5 = 3) 2 x 3 = 4) 6 x 2 =

30 x 3 = 30 x 5 = 20 x 3 = 60 x 2 =

**Step 1**





**Step 2**

Use expanded multiplication to solve these questions. Set the calculations out in your book. Remember to show you calculations.

1. 36 x 4 = 2) 29 x 3 = 3) 42 x 6 =

4) 37 x 5 = 5) 34 x 7 = 6) 27 x 5 =

7) 32 x 3 = 8) 45 x 3 = 9) 78 x 2 =

**Step 3**

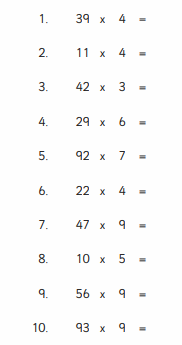
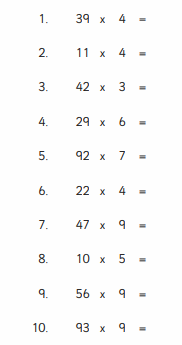
Use expanded multiplication to solve these questions. Set the calculations out in your book. Remember to show you calculations.

1. 36 x 4 = 2) 29 x 3 = 3) 42 x 6 =

4) 37 x 5 = 5) 34 x 7 = 6) 27 x 5 =

7) 32 x 3 = 8) 45 x 3 = 9) 78 x 2 =

**Step 4 – fluency**

Set these calculations out in your book. Solve them using the expanded method.