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| --- | --- | --- | --- | --- | --- |
| WALT 3: Use expanded multiplication to multiply 2 - digit numbers by 1 digit | | | | | HONESTY |
| 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

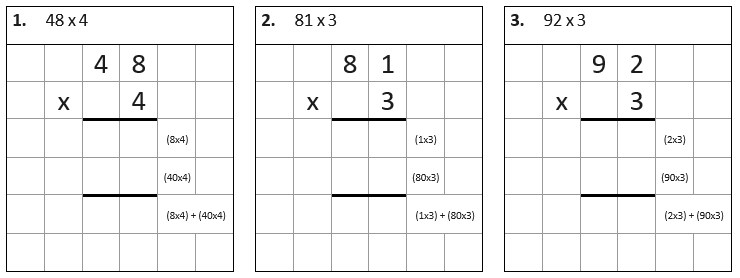
3 2

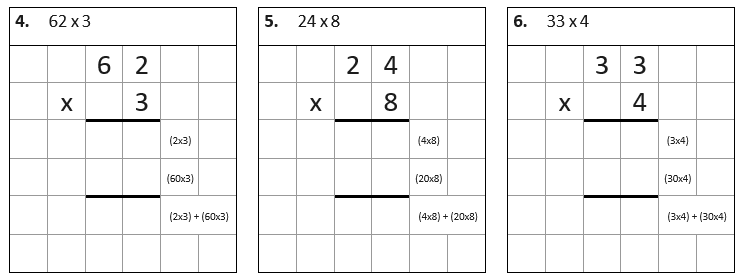
1. 19 x 5 = 95 2) 17 x 4 = 68 3) 16 x 3 = 48

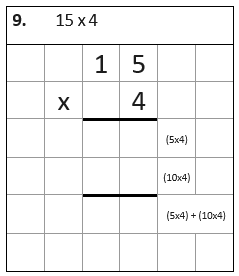
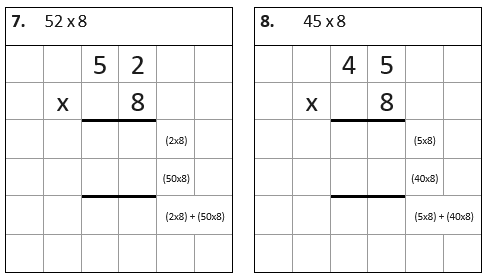
**Consolidation 2:**

1) 3 x 3 = 9 2) 3 x 5 = 15 3) 2 x 3 = 6 4) 6 x 2 = 12

30 x 3 = 90 30 x 5 = 150 20 x 3 = 60 60 x 2 = 120

**Step 1**





**Step 3**

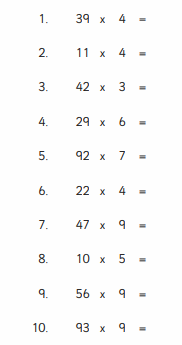
Use expanded multiplication to solve these questions. Set the calculations out in your book. Remember to show you calculations.

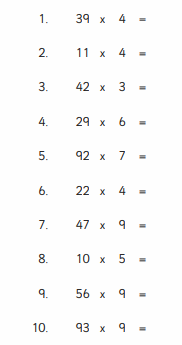
1. 36 x 4 = 144 2) 29 x 3 = 87 3) 42 x 6 = 252

4) 37 x 5 = 185 5) 34 x 7 = 238 6) 27 x 5 = 135

7) 32 x 3 = 96 8) 45 x 3 = 135 9) 78 x 2 = 156

**Step 4 – fluency**

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



**126**