Multiplying by 2 Digits with 1 Digit

<u>Fluency</u>

1. 42 x 3 = 42
             x 3
             ………

2. 28 x 6 = 28
             x 6
             ………

3. 79 x 4 = 79
             x 4
             ………

4. 37 x 9 = 37
            x 9
            ………

5. 51 x 5 = ……
            x 5
            ………

6. 49 x 9 = ……
            x…
            ………

7. 34 x 5 =

8. 54 x 8 =

9. 83 x 9 =

10. 9 x 61 =

11. 8 x 88 =

12. 23 x 7 =

<u>Reasoning</u>

1. Explain the mistake in the multiplications.

 a)   65 x 4 = 65   …………………………
                x 4   …………………………
                 20   …………………………
               + 24   …………………………
                 44   …………………………

b)   78 x 7 = 78   …………………………
               x 7   …………………………
                56   …………………………
             + 490   …………………………
               996   …………………………

2. Explain how to find the product of 51 and 6, using column multiplication.

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<u>Problem Solving</u>

1. Adam saves £37 every week. How much has he saved after 7 weeks?

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2. Mike runs 6km everyday for a fortnight. How far has he run in total?

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3. A supermarket has 8 boxes of apples. Each box has 74 apples in it. If 62 people go to the supermarket to buy 9 apples each will the supermarket have enough apples?

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<u>Keywords</u>
Columns, Hundreds, Multiplying, Negative, Product, Sum, Tens, Units

<u>Misconceptions</u>
When multiplying with the column method the columns, i.e. units, tens, etc, don't have to be aligned.