**Problem solving challenges 2020 – the answers**

Work out the answers to the following calculations. You are NOT allowed to use column methods or a calculator!

1. 456
2. 1195
3. 28.8
4. 3175.7
5. 1.3
6. 6464
7. 7
8. Letter challenge

There may be more than one solution. Here is one:

3 X 7 = 21

4 X 2 = 8

1 X 9 = 9

5 X 8 = 40

6 X 6 = 36

1. You have been asked to bury some bags of money on an island. The money has been divided into nine separate bags containing these amounts:

£21, £20, £19, £12, £11, £10, £3, £2, £1.

You must bury the money in a three by three grid so that each row and column,

horizontal, vertical and diagonal has £33.

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| 20 | 3 | 10 |
| 1 | 11 | 21 |
| 12 | 19 | 2 |