

# Mr Brennan's Maths Homework

Please define the following terms:

Place value	Subtraction	Inverse
Addition	Decimal Place	Column Method

Mental Objective: To be able to divide/times by 10, 100 and 1000.

Success Criteria: When dividing, move the decimal place to the left. When multiplying, move the decimal place to the right. Move by how many 0's there are.

X and ÷ 10	X and ÷ 100	X and ÷ 1000
781	6129	3211
8013	3192.3	87.123
891.3	9712.132	8.982
173.91	90.872	987.2
9.371	781.982	873.001
11782.01	9.002	70.05
0.0198	0.8371	0.892

Learning Objective: To be able to use formal written method to be able to add and subtract up to 6 digits **including 2 decimal places**.

Success Criteria: Addition: column it up—check place values. Start from furthest column to the right. Carry over double digit numbers. Check. Subtraction: column it up—check place values. Start from furthest column to the right. Borrow from column to the left if you cannot subtract. Check.

Addition
1. $78201 + 9283$
2. $93011 + 2811$
3. $789102 + 891$
4. $817.13 + 13.77$
5. $892.70 + 189.98$
6. $82012.77 + 9112.84$
7. $832821.01 + 29311.32$
8. $938317.132 + 28322.67$

Subtraction
1. $8272 - 782$
2. $78213 - 8462$
3. $87621 - 46813$
4. $8320.29 - 349.7$
5. $7831.32 - 831.91$
6. $8920.2 - 769.87$
7. $8424.04 - 751.77$
8. $70720.32 - 6594.47$

Challenge objective: To divide by two digit number using the formal long division written method

Success criteria: How many into first digit? Take away—find remainder. Bring down next column.

Placeholder '0'. Up to 3 decimal places.

$$4561 \div 11$$

$$6791 \div 22$$

$$8721 \div 43$$

$$82312 \div 36$$

$$23191 \div 29$$

$$78013 \div 79$$

$$82921 \div 57$$