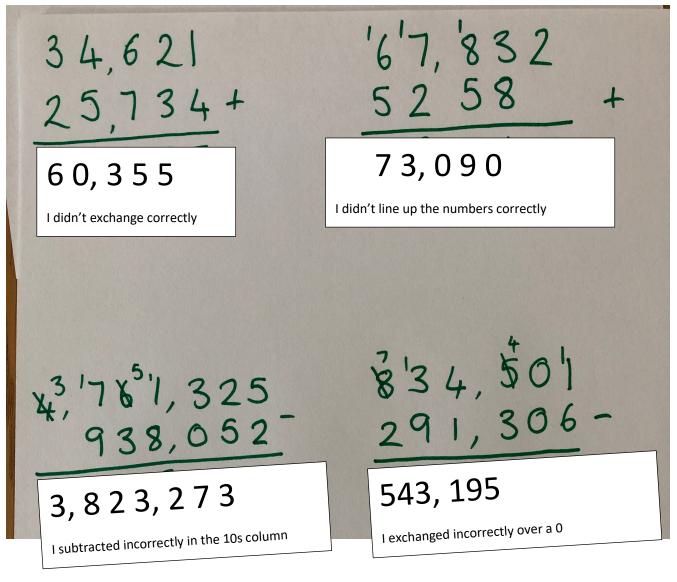
# Year 6 Home Learning – Maths Week 10

Arithmetic Practice – Set a 5 minute timer to complete the 5 questions in each section. You don't have to do all 25 questions in 5 minutes! You can do one section per day or do all at once – but make sure you set your timer for 25 minutes instead! If you have forgotten a method, let me know and I will create a short video to help you remember!

A , 1 1 1	B $1.7 \times 0 = 62$
1. $\frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$	1. $7 \times 9 = 63$
2. 674.32 x 100 = 67,432	2. $\frac{2}{5} \times \frac{1}{3} = \frac{2}{15}$
3. 345 ÷ 13 = 26 r7	3. 653 ÷ 100 = 6.53
4. 6.53 + 1.34 = 7.87	4. 693 ÷ 18 = 38 r9
5. 91.32 + 15.84 = 107.16	5. $4^3 = 64$
6. $2^3 = 8$	6. 87.32 + 13.78 = 101.1
C	D
1. 65 + 85 = 150	1. 718.12 + 34.67 = 752.79
2. 9,932 – 3,876 = 6,056	2. 5.6 + 1.4 = 7
3. $\frac{2}{3} + \frac{2}{3} = \frac{4}{3}$ or $1\frac{1}{3}$	3. 54 x 21 = 1,134
4. $\frac{4}{7} \times \frac{1}{2} = \frac{4}{14}$	4. 983 – 183 = 800
5. 653 ÷ 21 = 31 r2	5. 5 <sup>3</sup> = 125
6. 660 + 200 = 860	6. $\frac{3}{4}$ of 80 = 60
E	
1. 87.321 + 9.943 = 97.264	
2. $\frac{2}{5} \times 100 = 40$	
3. 873 ÷ 21 = 41 r12	
4. $\frac{1}{6} \times \frac{3}{5} = \frac{3}{30}$	
5. 5,652 x 10 = 56,520	
6. 60 x 30 = 1,800	

## Lesson 1



Word problems:

- A) £249,000
- B) £20.34
- C) 48 minutes
- D) 904

Missing numbers:

- 1. 6804 + 193 = 1997
- 2. 153,146 + 122,632 = 275778
- 3. 36,981 21,340 = 25,641
- 4. 431,495 10,173 = 421,322 (the two missing numbers together can be any combination of one digit numbers that subtract to equal 3)

## Lesson 2

Multiplication:

- 1) 37 x 23 = 851
- 2) 246 x 14 = 3,444

#### Short division:

- 1) 12,309 ÷ 3 = 4103
- 2) 3,192 ÷ 7 = 456

#### Long division:

- 1) 481 ÷ 13 = 37
- 2) 9,510 ÷ 15 = 634

## Multiplication mistakes:

- 1) 163 x 14 = 2282 mistakes was 163x10 = 1630 not 163!
- 2) 39 x 25 = 975 mistake was not adding the exchanges correctly.

Division mistakes:

- 1) 4151 ÷ 7 = 593 the mistake was an incorrect remainder, it should have been remainder 2 which gives 21 in the ones column
- 352 ÷ 11 = 32 the mistake was not dropping down the 2 in the ones column to create the new calculation of 22 ÷ 11 for the final number.