**A third vision of revision, with precision, and division!**

This belongs to ………………………………………………………..

*Look inside for such treasures like…*

* Place Value
* Decimals
* Multiplying/Dividing by 10, 100 & 1000
* Rounding numbers
* Squared and square root

*…and much, much more!*

What are you waiting for? Dive in!

**Mental calculations**

*Write in the missing numbers.*

1. 463450 + 12320 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 847850 – 34450 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 66.6 x 1000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. 47 ÷ 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. 357.39 x 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. 52.85 x 1000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. 458.2 ÷ 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. 79.97 x 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. 50.07 ÷ 1000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. 14 x 6 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. 16 x 5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. 13.6 + 12.6 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. 63 + 156 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Solve these questions. Show your method clearly.*

1. 635,422 + 40,100
2. 8.08 + 715
3. 7.91 + ……….. = 10
4. 2.15 + …….. = 5

*Lay out and solve these questions*

1. 7582 – 4695
2. 30,000 – 18,590
3. 5326 + 2839
4. 2767 + 6728

*Word problems…read it carefully! RNCA!*

1. Mr Howorth’s band, *The Brotherhood of Rock,* played at a stadium with 13703 seats. He played 100 concerts and each time, it was full. How many people did he play to altogether?
2. Mrs Harber thinks of a secret number. She divides it by 10. The answer is 82. What is her secret number?
3. A sky-diver jumps from 8000 feet. After 1560 feet, he opens his parachute. How far is it to the ground when his parachute opens?
4. A hyena chases after a gazelle for 5.2 km before walking for 2.8 km. It then runs again and catches it after another 2.4 km, and has a tasty meal. How far did the hyena travel altogether?

*Decimal action!*

Round the decimal numbers to the **nearest** whole number.

1. 45.51
2. 9.49

Round the decimal numbers to the nearest **tenth**

1. 10.36
2. 38.74

Write the decimal numbers in order, **largest** first.

1. 4.86 4.806 4.089 4.8599

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

1. What is the decimal equivalent of these fractions?
2. $\frac{5}{10}$ = b) $\frac{7}{20}$ =

c) $\frac{45}{50}$ = d) $\frac{14}{25}$ =

e) $\frac{2}{5} $= f) $\frac{3}{4}$ =

*Multiples and friends!*

1. Write in what the missing numbers could be.
2. Two common multiples of 4 and 6 that are less than 30

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Three common multiples of 3 and 7 that are less than 100

\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_and\_\_\_\_\_\_\_\_\_\_\_\_

1. What is $\sqrt{81}$? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is 62 ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 52 + 52 ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Is 7 a factor of 56? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Is 3 a factor of 241? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Is 381 a multiple of 4? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. What is $\sqrt{100}$ ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Bits and bobs to finish the job!*

1. Round 64663 to:

The nearest 1000 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The nearest 10 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The nearest 100 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Look at the following numbers: if they are divisible by 3, circle them. If they are divisible by 4, draw a square around them.

213 616 825 248 214

1. Mrs Harber thinks of a number. Once it has been multiplied by 100, the answer is 5555. What is the original number?
2. Mr Howorth thinks of a number. Once it has been multiplied by 1000, the answer is 4200.1

What is the original number?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_