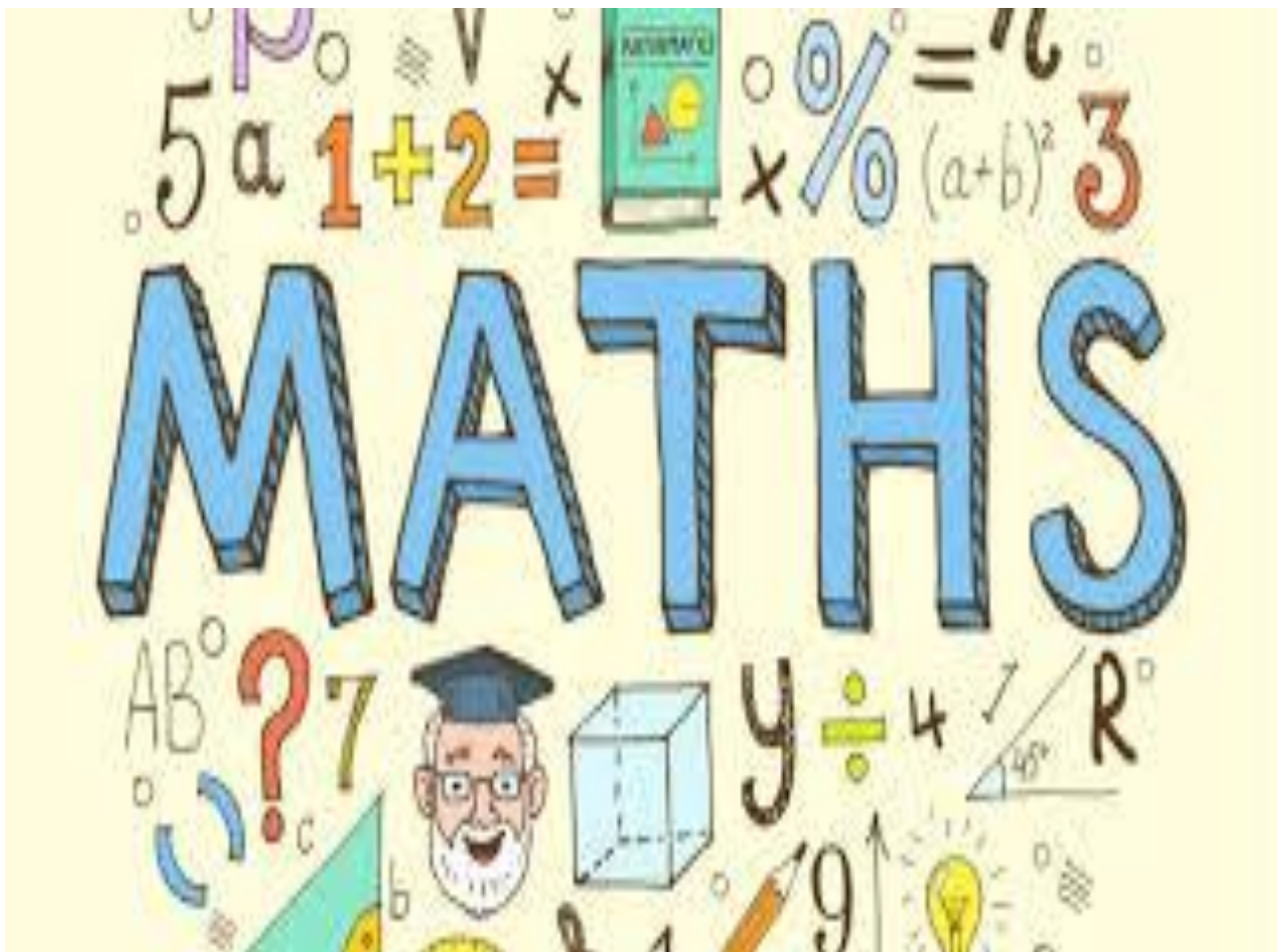




Mathematics Homework Programme Grade 7 Term 1



Question 1: Addition and subtraction

1.1 $876\,999 + 4\,322$

1.2 $1\,986\,788 - 12\,666$

Question 2: Multiplication and division

2.1 6597×89

2.2 $785\,422 \div 4$



DMSB

CB:

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Question 3: HCF and LCM

3.1 Find the HCF and LCM of 36 and 62. **Remember factor tree.**



Question 4: Simple interest

Zolani wants to borrow money by the bank to pay for his college fees. He needs to borrow R20 000 for 3 years, with a 5% interest rate.

4.1 Calculate the simple interest.

4.2 Calculate the total that Zolani needs to pay back.

Question 5: Multiplication of fractions

5.1 $8\frac{2}{5} \times 4$ _____

5.2 $\frac{2}{5} \times \frac{2}{9} =$ _____

Question 6: Convert the following **mixed** numbers to an **improper** fraction.

1) $9\frac{2}{5} =$ _____

2) $12\frac{1}{8} =$ _____

Question 7: Complete the following **equivalent** fractions by filling in the missing numbers.

7.1 $\frac{1}{5} = \frac{\quad}{30} = \frac{60}{\quad}$

7.2 $\frac{3}{20} = \frac{\quad}{100} = \frac{30}{\quad}$

Question 8: Replace the * with the correct relationship sign $<$; $>$ or $=$

8.1 $\frac{1}{12} * 2\frac{2}{3}$

8.3 $4\frac{2}{3} * \frac{7}{15}$

Question 9: Calculate the following-remember to leave answer in **simplest form!**

9.1 $\frac{24}{30} + 7\frac{2}{3}$

9.2 $7\frac{2}{12} - 3\frac{2}{6}$

END