

CONTENT PER TERM

• MATHEMATICS •

GRADE 6

TERM 1

• Operations • Integers •

TERM 2

• Integers • Operations • Fractions •

TERM 3

• 2D Shape • Length •

TERM 4

• Integers • Addition & Subtraction • Multiplication & Division • Word sums •
• Fractions • Decimal Fractions • Percentages • Order of Operations •

EXAMPLE:

EXTRACT FROM A TEST PAPER

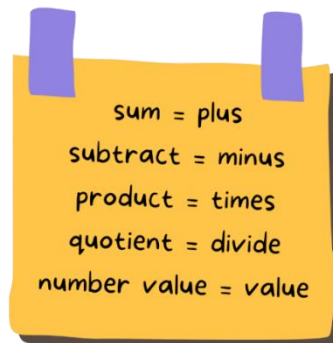


• MATHEMATICS •

GRADE 6

TERM 1

• Operations • Integers •



Section A | Short Questions

1. Answer the following questions:

1.1 Write in expanded notation using the place value method: 8 130 496

1.2 Calculate the difference of the underlined values: 40 104

1.3 Write the following number in words: 145 804 480

1.4 Write the following in abbreviated form: $(79 \times 10\,000) + (8 \times 10) + (6 \times 1\,000) + (2 \times 1)$

1.5 Study the following number: 987 654 321

1.5.1 What is the numerical value of the 6? _____

1.5.2 What is the place value of the 8? _____

1.5.3 What is the value of the 7? _____

1.6 Write the numeral symbol for the following number:

Two million four thousand and fifteen

1.7 Round to the nearest 5:

1.7.1 234 _____

1.7.2 307 _____

1.7.3 998 _____

1.8 Write down the first 5 multiples of 25

1.9 Write down the factors of 32

1.10 8 is a _____ of 64 and 64 is a _____ of 8

1.11 What are the prime factors of 35? _____

1.12 Is 1 a prime factor? _____

1.13 Write down the following number:

$60\,000\,000 + 4\,000\,000 + 300\,000 + 20\,000 + 1\,000 + 900 + 60 + 1$

2 Calculate the following:

2.1 $\frac{1}{4}$ of $16 + 10 \div 2 - 4 =$ _____

2.2 $300 \div 3 \times 10 =$ _____

2.3 $(440 - 40) \div 50 =$ _____

2.4 $(30 - 20) \times (40 \div 4) =$ _____

2.5 $40 \div 8 \times 12 + 5 =$ _____

2.6 $15\,500 - (8\,786 - 3\,286) =$ _____

2.7 $12 \times (14 - 12) \div 6 =$ _____

2.8 $(48 \div 6) \times (17 - 7) =$ _____

2.9 _____ $\div 5 = 5$

3. 3.1 Complete the table: Rules for divisibility

	The sum of the digits must be a multiple of 3
5	
6	
	The last digit must be an even number