



NAME: _____

GRADE: _____

A faded version of the Bitou Foundation 10 logo is overlaid on the page. It includes the two children, the text 'the bitou foundation 10', and the tagline 'supporting schooling for excellence'.

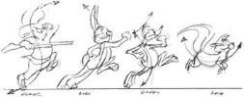
TERM: _____

TEACHER: _____

SCHOOL: _____

Whole numbers

Quick maths



Use the symbols: $<$, $=$ and $>$ to complete the questions

- 89546 89465
- 2713 7213
- 250245 (rounded off to the nearest 10)

QUESTION 1

1.1 Arrange the numbers from big to small

- a. 98741; 98714; 98874; 98817; 98178;
- b. 45678; 46785; 48567; 47865; 45876;

1.2 Arrange the numbers in ascending order

- a. 913465; 912654; 916512; 915462;
- b. 3303; 3030; 3330; 3003; 3033;

QUESTION 2

2.1 Give the place value of the underlined digit and write the answer in words

NUMBER	PLACE VALUE	IN WORDS
9876 <u>5</u> 21		
521 <u>7</u> 056		
9 <u>7</u> 21083		
1234 <u>8</u> 97		

2.2 Complete the table by writing down the numeric value of the underlined digit and write the answer in words.

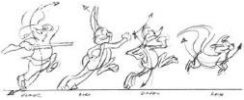
NUMBER	NUMERIC VALUE	IN WORDS
453 <u>8</u> 912		
91 <u>2</u> 49188		
541237 <u>9</u> 16		
TOTAL		

QUESTION 3

Complete the table by rounding off the number:

NUMBER	NEAREST 5	NEAREST 10	NEAREST 100	NEAREST 1000
428639				
2178942				
7899424				

QUICK MATHS



What is a prime number?

How many factors does a prime number have?

Write down the first 5 prime numbers

Which prime number is an even number?

QUESTION 1

Use the numbers in A to answer the questions. Only the numbers in A may be used.

$A \in \{1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30\}$

1. Add the prime numbers
2. Write down the even numbers.....
3. Write the multiples of 5
4. Write the factors of 30
5. Write the factors of 20
6. Are there any factors in 20 and 30 that are the same?.....
7. Write down these factors, if there are any
8. Write down the numbers that are divisible by 10
9. Give the prime factors of 30
10. Calculate the following
 - a. $27 - 15 =$
 - b. $30 - 12 =$
 - c. $8 + 19 =$
 - d. $16 + 9 =$

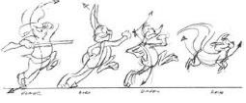
QUESTION 2

Use your calculator to get the answers and write the answers in words

1. $963157 + 781293 + 793164 =$
In words:
2. $5555543 + 8992441 - 4966661 =$
In words:
3. $1289469 - 38462 - 19734 =$
In words:

WHOLE NUMBERS: ADDING AND SUBTRACTING

QUICK MATHS



Write the answer

- $(7 + 9) \times 2 + 5 = \dots\dots\dots$
- $15 - (6 + 4) + 8 = \dots\dots\dots$
- $3 \times 6 + 5 \times 8 = \dots\dots\dots$
- $9 \div 3 + 15 \div 3 = \dots\dots\dots$

QUESTION 1

Use the vertical column method for adding and subtracting to do the word sums.

1.1 A family going on holiday plans to drive 2469km. The first day they do 946km and the second day 738km. The third day they rest. How many kilometres do they have to travel to complete the journey?

1.2 To fly from South Africa to America is 14396km. If the aeroplane takes in petrol in Egypt, which is 6405km into the flight, how far is it still to America?

1.3 A farmer sells some of his cattle. The money he received is R1589, R2745, and R3216. How much money did he get in total for his cattle?

1.4 If the farmer in question 1.3's expenses are R359, R1823 and R2978, how much profit did he make by selling the cattle after he had deducted his expenses?

1.4 A builder wants to build a rectangular wall. The length of the wall is 39m and the width is 26m. What is the perimeter of the wall?

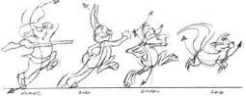
1.5 Double 7639



1.6

a. Half of 9346

b Is the halved number an even or an odd number?

WHOLE NUMBERS: MULTIPLYING AND DIVIDING**QUICK MATHS**

❖ $15 \times 3 = \dots\dots\dots$

❖ $26 \times 2 = \dots\dots\dots$

❖ $69 \div 3 = \dots\dots\dots$

❖ $108 \div 3 = \dots\dots\dots$

QUESTION 1

1.1 Calculate the product of 306 and 39. (Use the vertical column method)



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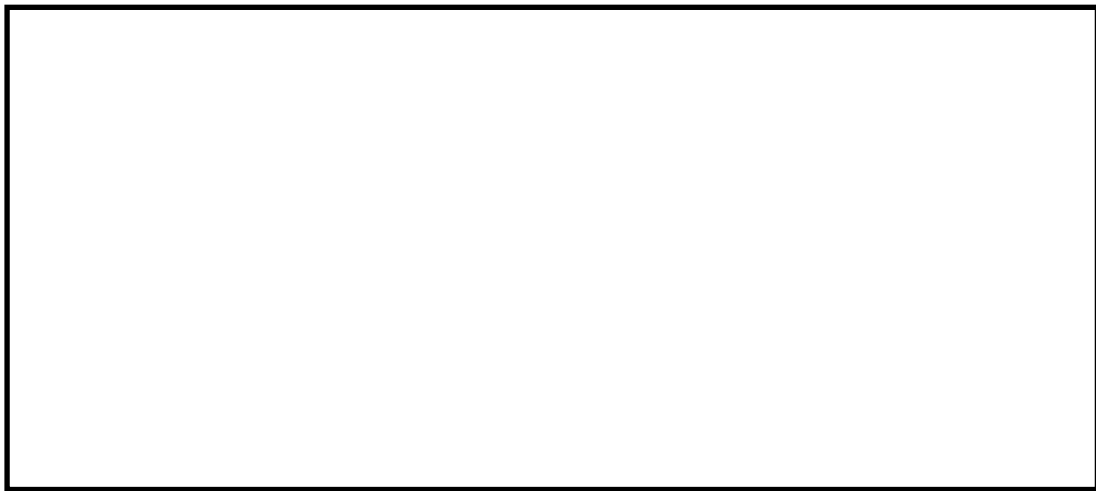
1.2

a A builder wants to build a square garage. He needs 4864 bricks in total to build it. How many bricks will one wall take to be built?

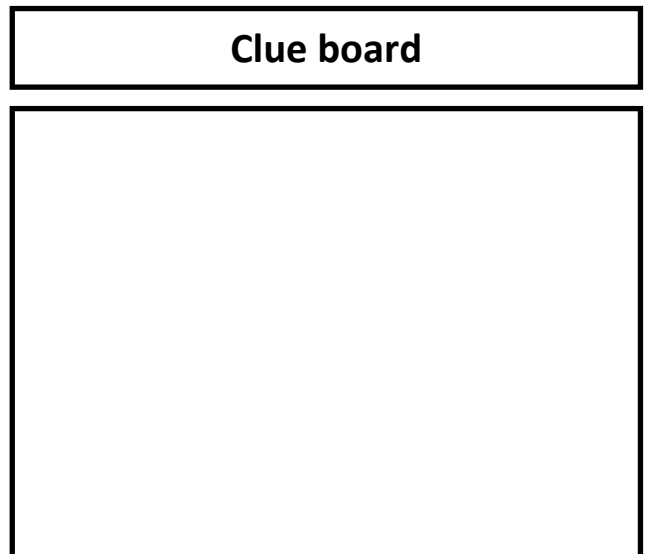
b. If every wall cost R2350, what will the garage cost in total?



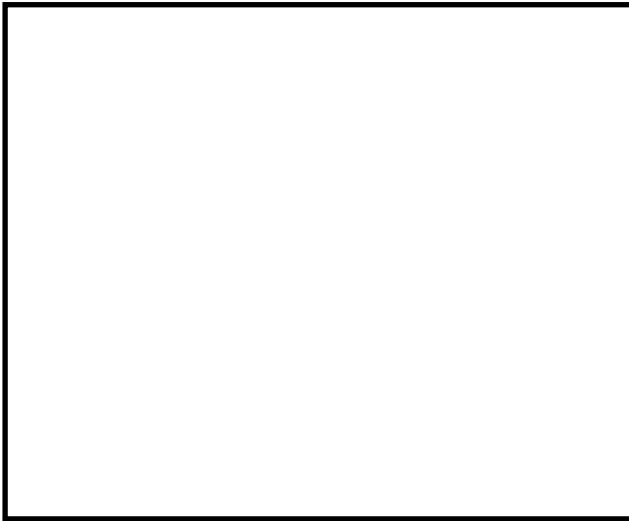
c Each wall cost him R985 for one coat of paint. If he wants to paint the walls with two coats of paint, how much will the painting of all the walls cost?

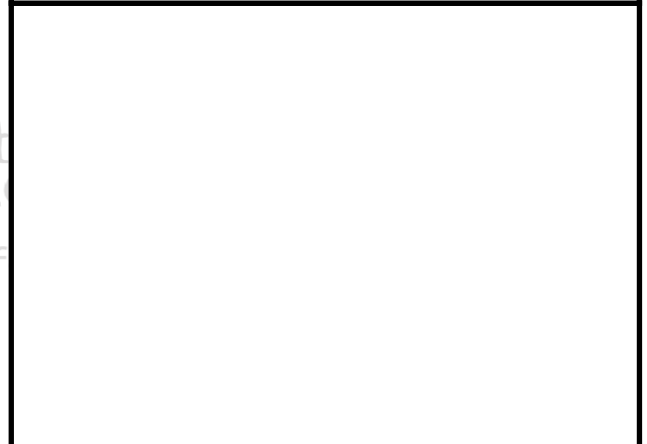


1.3 Devide R1909 between 23 people, how much will each get?



1.4

a Calculate 9342×246 b Calculate $8664 \div 57$ 

Clue board


1.5 Calculate how many learners there are in the Grade 6 group if the ratio of boys to girls is 4 : 6 and there are 84 boys in the grade.



1.6 Simplify the ratio 15 : 35 : 75



QUESTION 2

A mom likes to save money. Work out the best prices to help her. Here are the prices of the items that she needs.

MILK : R28 / litre, R8 / 250ml or R12 / 500ml

SUGAR : R34 / kilogram R18 / 500g or R10 / 250g

BUTTER : R75 / 500g R162 / kilogram or R36 / 250g

FLOUR : R34 / kilogram R11 / 250g or R15 / 500g

a What is the total cost of the items that she bought?

b If she pays with a R100, R50, 2 X R20 and a R10, how much change will she get?