

HERBERT HURD PRIMARY SCHOOL

Grade 5
50 Marks

MATHEMATICS

15 June 2017
2 Hours

INSTRUCTIONS

1. Answer ALL the questions neatly and accurately.
 2. Show your working out where necessary.
 3. When you have completed all the questions, CHECK THREE times.
 - a. Have you done ALL the sums?
 - b. Have you copied down the numbers correctly?
 - c. Check your answers.
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A. MULTIPLE CHOICE

Only write the correct LETTER next to the number of the sum.

1. Which is the biggest number?

- A. 3041 B. 3104 C. 3014 D. 3401

2. Which SHAPE has FIVE sides?

- A. pentagon B. square C. hexagon D. octagon

3. Which shape is the rhombus?

- A.  B.  C.  D. 

4. Three quarters of a litre is

- A. 1000ml B. 750ml C. 500ml D. 3,4ml [4]
-

B. NUMBER CONCEPT AND PLACE VALUE

1. Just write the answer.

1.1 Write this number using digits :-
sixty-three thousand two hundred and forty-nine

1.2 Round off your answer in 1.1 to the nearest 100.

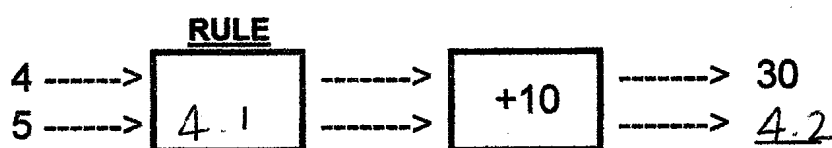
1.3 HALVE your answer in 1.2

1.4 Write the number which is 100 times less than 49 000.

2. Expand the following number using any method.
436 501

3. Write down the multiples of 6 which are between 48 and 78.

4. Complete the RULE and the missing OUTPUT.



5. Write down ALL the PRIME NUMBERS which you see
on the face of a clock.

6. Write down ALL the FACTORS of 32.

7. Round off the number to the nearest 5.
1323

C. NUMBER PATTERNS.

What comes next?

1. 1 ; 3 ; 5 ; 7 ; _____
 2. 1011 ; 1061 ; 1111 ; 1161 ; _____
 3. 56 492 ; 57 492 ; 58 492 ; 59 492 ; _____ [3]
-

D. OPERATIONS.

You may use any method.

Do TWO sums on a line.

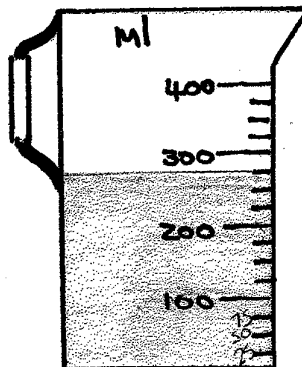
Show all your working out.

1. Calculate.
 37×24 [2]
 2. Calculate.
 $744 \div 8$ [2]
 3. Find the sum.
 $34\,927 + 38\,695$ [1]
 4. Find the difference.
 $70\,301 - 46\,892$ [1]
-

E. CAPACITY.

Write the answers only.

1. How much water is in the jug?



2. $3\frac{1}{2}$ litres = _____ litres _____ ml

3. $1\frac{3}{4}$ litres = _____ ml

4. 5 litres 12 ml = _____ ml

[4]

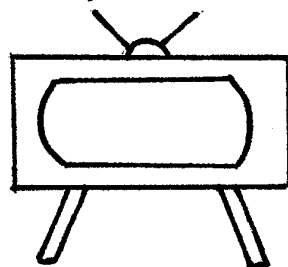
F. TIME

Write the answers only.

1. There are _____ days in July every year.

[1]

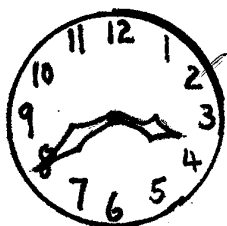
2. Rewrite the following activity as 24 hour time.



Watch Movie
9:15 pm

[1]

4. What time is it?



[1]

5. How much time is there from 14:30 till 17:45 ?

[1]

G. Fractions

1. What fraction is shaded in ?

$\frac{9}{12}$



[1]

2. Fill in > (greater than)
< (less than)
= (equal)

2.1 $\frac{1}{2} \cdot \frac{3}{6}$

2.2 $\frac{3}{4} \cdot \frac{5}{8}$

2.3 Fill in the missing number :- $\frac{3}{4} = \frac{\cdot}{8}$

[3]

H. Data Handling

Room 29 pupils have collected the following information about their best kind of meat.

There are 24 pupils in the class.

8 people liked chicken
3 people liked mutton
6 people liked pork
7 people liked beef

1. Draw up a frequency table in columns and put in all the information that is required.
2. Skip 2 lines and draw a BAR GRAPH to illustrate the information.

[6]

I.

G. Problem Solving

Write an Open Number Sentence for every sum.

Show your working out.

Write an Answer Sentence.

1. Peter has saved all his money and has got R2 529.
His father gives him another R1 805. Peter then goes shopping and buys games for his computer which costs him R2 076.
How much money will Peter have left ?

[2]

2. Kaedi and Danika collect stickers. Mrs. Pons gave them 27 stickers to share so that Kaedi gets twice as many stickers as Danika.
How many stickers will each one get ? [2]
3. Ashton, Jade and Nikhil have collected string for a project.
Ashton has 343 mm of string.
Jade has 80 cm of string.
Nikhil has three quarters of a meter of string.
- 3.1 Who has the longest piece of string ? [1]
- 3.2 How much string do they have altogether ? [2]
4. Nikhil has studied for 2 hours. He spent $\frac{4}{5}$ of this time on his History. How much time did he spend on his History ? (Answer in Hours and Minutes) [2]

END
