HERBERT HURD PRIMARY SCHOOL Mathematics Assessment

JUNE 2017 50 Marks



All work must be done on lined paper. Write your answers one below the other. No calculators may be used. Rule off after each section.

Section A:

- 1. Round off 5 468 to the nearest 1000.
- 2. What is the value of the underlined number? 4 949
- 3. Halve 6 924.
- 4. Round off 6 499 to the nearest ten.
- 5. Write 8 287 in expanded notation.
- 6. Look at the following numbers in the table:

563	356	635	365	536	653

- a) Halve the smallest number in the table?
- b) Round off the biggest number in the table to the nearest 100.
- c) Which two numbers added together equal 892?
- 7. Complete the number pattern:

5 050;	5 075;	j	i	5	150:	5 175	
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- 8. What must be added to 368 to get 500?
- 9. Write down the correct relationship sign: $(80 \times 2) + 15 * 120 + (12 \times 5)$

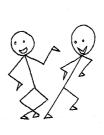
(II marks)

Section B: Calculations - Show all your working out:

- R215,55 + R367,89 (Use the column method)
- 34 x 28 (Use the column method) 2.
- 9773 ÷ 6 (Use the short method) 3.
- 4. Use the breakdown method to calculate 6 142 - 3 829.

(5 marks)





Section C: Money:

- 1) Freddy bought fudge at the tuckshop for R5,50 and a cooldrink for R7,25. Calculate how much money he spent at the tuckshop.
- 2) Mother spends R 178,20 at the Spar. She pays with a R200 note. How much change will she get?
- 3) How many 20c coins are there in R50?
- 4) Which is bigger? 4 x R20 notes OR 15 x R5 coins.

(4 marks)

Section D:

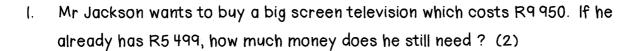
WORD PROBLEMS:



You MAY NOT use a calculator.

Set the word sums out correctly.

You must show all your working out!



- 2. Ayanda collected 86 stickers for her sticker album. Her friend collected 12 times as many stickers as Ayanda. How many stickers did they collect altogether ? (2 $\frac{1}{2}$)
- 3. Mr Brown has a Christmas tree farm. He planted 3 6 16 trees in 8 eq.ual rows. He's already sold all the trees in three of the rows. How many trees were sold ? (2 $\frac{1}{2}$)
- Write down only the answer. (1)
 Mary and Jane are sisters. Mary is four years old and Jane is thirteen years old. When will Jane be twice as old as Mary? When she is _____ years old.
 (8 marks)

Section E: MEASUREMENT:

- 1. $5.082 \text{ mm} = ___ \text{m}$



- 3. I have a piece of material which is 420 mm long.

 How much more do I need to have one metre of material?
- 4. $6\frac{3}{4}$ km = ____ metres.

(4 marks)

Section F: TIME:

- 1. Write 22 min to midnight in 24 hour digital time.
- 2. 42 days = ____ weeks.
- 3. How many months in 3 and a half years?
- 4. Write 15:36 in analogue time. (USE PM OR AM) Do not use digital time.

(4 marks)

Section G: FRACTIONS:

Mrs Harris has a bag of 60 sweets. She shares them equally between 5 children.

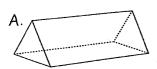
- 1. What fraction of the sweets did each child get?
- 2. Three children ate their sweets immediately. How many sweets got eaten?
- 3. What fraction did not get eaten?
- 4. How many thirds in 6 ?.
- 5. $2\frac{5}{8}$ $\frac{3}{8}$

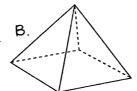


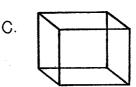
"To show you how well I understand fractions I only did half of my homework." (5 marks)

Section H:

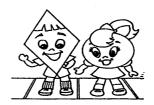
Shapes: Look at the following 3-D shapes.







- 1. Name Shape B.
- 2. Shape A has ____ edges.
- 3. Shape C has _____ vertices.

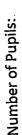


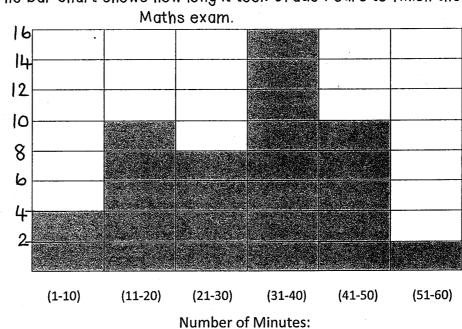
(3 marks)

Section I:

Data Handling:

The bar chart shows how long it took Grade Fours to finish their





- 1. How many pupils wrote the Maths exam?
- 2. How many pupils took more than 10 minutes but less than 51 minutes?
- 3. How many pupils finished within 31 to 40 minutes?
- 4. How many pupils took less than 31 minutes?
- 5. Which two time slots had the same number of pupils finishing?

(6 marks)