



## **basic education**

Department:  
Basic Education  
**REPUBLIC OF SOUTH AFRICA**

**NAME OF LEARNER:**

MATHEMATICS BASELINE TEST: JUNE/ JULY 2020

GRADE 6

**MARKS : 15**

**DURATION : 1 Hour**

**This test consists of 7 pages, including the cover page.**

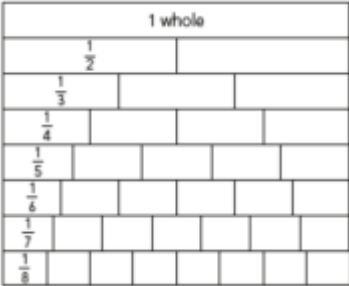
<b>Instructions and information to the learner</b>	
1.	Read the questions carefully
2.	Answer <b>ALL</b> the questions
3.	Circle only the letter for the <b>correct answer</b> , e.g. If the correct answer in 1. is D, you should only circle <b>D</b>
4.	There is only one correct answer in each question
5.	This question paper consists of <b>5</b> questions.
6.	Diagrams are <b>NOT</b> drawn to scale

1.	What is the place value of the underlined digit in <u>2</u> 89 732?	
	A.	Hundreds
	B.	Thousands
	C.	Ten Thousands
	D.	Hundred Thousands
2.	What is $21\,475 + 32\,384$ ?	
	A.	53 750
	B.	53 759
	C.	53 859
	D.	537 159
3.	What is the next number in 91; 83; 75; 67; 59... ?:	
	A.	41
	B.	49
	C.	51
	D.	61


**MATHEMATICS BASELINE TEST**

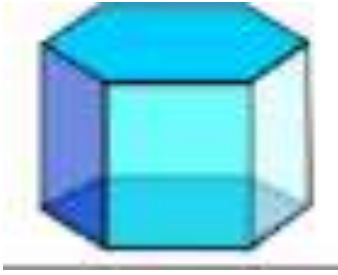
June/July 2020

Grade 6

4.		<p>What is the correct way to write the fractions below, from smallest to largest?</p>  <p style="text-align: center;"> <math>\frac{4}{6}</math>   <math>\frac{1}{5}</math>   <math>\frac{2}{7}</math>   <math>\frac{4}{8}</math>   <math>\frac{2}{2}</math>   <math>\frac{4}{5}</math>   <math>\frac{3}{4}</math> </p>
	A	$\frac{1}{5}$ $\frac{2}{2}$ $\frac{2}{7}$ $\frac{3}{4}$ $\frac{4}{5}$ $\frac{4}{6}$ $\frac{4}{8}$
	B	$\frac{2}{2}$ $\frac{3}{4}$ $\frac{1}{5}$ $\frac{4}{5}$ $\frac{4}{6}$ $\frac{2}{7}$ $\frac{4}{8}$
	C	$\frac{1}{5}$ $\frac{2}{7}$ $\frac{4}{8}$ $\frac{4}{6}$ $\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{2}$
	D	$\frac{1}{5}$ $\frac{2}{7}$ $\frac{4}{8}$ $\frac{3}{4}$ $\frac{4}{6}$ $\frac{4}{5}$ $\frac{2}{2}$
5.		<p>Which number makes the statement below true?</p> <p><math>28 \times 8 = 14 \times \underline{\hspace{2cm}}</math></p>
	A	4
	B	16
	C	28
	D	36

6.	What is the difference between 80 072 and 44 634?	
	A	26 438
	B	35 438
	C	44 642
	D	124 706
7.	Hamza is a gardener and works for 2 days per week. His salary was increased by R100 to R400 per day. What was his salary per week before the increase?	
	A	R 300
	B	R 500
	C	R 600
	D	R1 000
8.	Which number sentence is true?	
	A	$2 \times 5 = 5 + 2$
	B	$6 \times 4 = 4 \times 6$
	C	$10 - 3 = 3 - 10$
	D	$12 \div 5 = 5 \div 12$

9.	What is the median of the following temperatures? 39 °C   40 °C   46 °C   50 °C   40 °C   45 °C   60 °C	
	A	40 °C
	B	45 °C
	C	50 °C
	D	60 °C
10.	What is the Area of the rectangle below?  5 cm  4 cm	
	A	8 cm <sup>2</sup>
	B	12 cm <sup>2</sup>
	C	14 cm <sup>2</sup>
	D	20 cm <sup>2</sup>
11.	What is $604 \times 34$ ? (complete using Lattice Multiplication)	
	A	638
	B	2 416
	C	18 120
	D	20 536

12.	How many faces are there in the following figure? 	
	A	3 faces
	B	4 faces
	C	5 faces
	D	8 faces
13.	Which are the first <b>five</b> prime numbers?	
	A	1, 2, 3, 5 and 7
	B	1, 3, 5, 7 and 9
	C	2, 3, 5, 7 and 11
	D	3, 5, 7, 11 and 13
14.	How many sides does a regular pentagon have?	
	A	8 sides
	B	7 sides
	C	6 sides
	D	5 sides

15.	Kopano lives in a farmhouse with his parents and 2 sisters. There are also 2 dogs and 12 chicken in the farm. How many legs are there in the farm altogether?	
	A	16 legs
	B	19 legs
	C	38 legs
	D	42 legs