

**2 CENTRAL END OF TERM 1 TEST PAPER 2**  
**MATHEMATICS – MS. RAGBIR**

**THIS SECTION IS WORTH 20 MARKS. ANSWER ALL QUESTIONS IN THE SPACE PROVIDED. CHECK OVER YOUR WORK. CLICK FINISH AND CHOOSE THE OPTION TO SEND AN EMAIL TO YOUR TEACHER ([ragbirnicole@gmail.com](mailto:ragbirnicole@gmail.com)).**

1. Simplify the following algebraic expressions:

a.  $3y + 2 + 2y + 5 =$  2 marks

b.  $2x + 3x + 9 + x =$  2 marks

c.  $2(4 + 9w) =$  2 marks

2. Write the following worded statements as algebraic expressions:

a. 5 decreased by a number  $n =$  2 marks

b. 5 times a number  $x$  and 6 = (2 marks)

3. Evaluate the following:

a.  $20 - (-9) =$  (1 mark)

b.  $-6 \div 3 =$  (1 mark)

c.  $(-15) \times (-4) =$  (1 mark)

d.  $-8 + 9 - 3 - 2 =$  (2 marks)

4. When  $x = 3$  and  $y = -2$ , what are the values of the following expressions:

a.  $3x^2 - 2y =$  (2 marks)

b.  $4xy + 3xy^2 =$  (3 marks)