

MINISTRY OF EDUCATION



ANTIGUA AND BARBUDA

2013 GRADE SIX NATIONAL ASSESSMENT

MATHEMATICS - PAPER I

June 05, 2013

30 MARKS

TIME: 50 Minutes

Answer ALL Questions

Read the Following Instructions Carefully

1. This paper has 30 questions. You have 50 minutes to answer them.
2. Each question has four possible answers: A, B, C, D
3. Read each question carefully then choose the correct answer.
4. On the answer sheet, find the number of the question you want to answer.
5. Shade the circle with the letter of the answer you have chosen.

Sample Question:

The difference between 16 and 8 is:

- A. 2
- B. 8
- C. 24
- D. 128

The correct answer is 8, so on your answer sheet you should shade the circle containing the letter *B*.



6. If you want to change your answer, be sure to erase your old answer completely and fill in your new choice.
 7. If you cannot answer a question, omit it and go on to the next one. You can come back to the harder question later.
- Your score will be the total number of correct answers.

<p>1. Ten thousand ten written in figures is</p> <p>A. 10 010 B. 100 010 C. 10 001 D. 101 010</p>	<p>6. To find the product means to</p> <p>A. add B. subtract C. multiply D. divide</p>
<p>2. In the numeral 350 303, the value of the digit 5 is</p> <p>A. 5 thousand B. 5 million C. 50 thousand D. 5 hundred thousand</p>	<p>7. Guavas are sold at \$4.50 per heap. How many heaps can be bought with \$20.00?</p> <p>A. 3 B. 4 C. 5 D. 6</p>
<p>3. Which of the following is both a factor and multiple of 50?</p> <p>A. 20 B. 25 C. 50 D. 100</p>	<p>8. The value of $10^2 + 9$ is</p> <p>A. 1^2 B. 19^2 C. 109 D. 1029</p>
<p>4. The area of a square is 81cm^2. The length of its side is</p> <p>A. 7cm B. 9cm C. 18cm D. 81cm</p>	<p>9. The difference in the heights of two boys is 24cm. If the taller boy is 175cm, the other boy is</p> <p>A. 199cm B. 175cm C. 151cm D. 141cm</p>
<p>5. The numbers that complete the table below are ____, 24, ____, 48</p> <p>A. 6, 12 B. 6, 24 C. 12, 36 D. 12, 60</p>	<p>10. Which of the following is NOT a prime number?</p> <p>A. 3 B. 5 C. 7 D. 9</p>

<p>11. $(3 + 7) \times 20 =$</p> <p>A. 100 B. 107 C. 140 D. 200</p>	<p>15. Which one of the fractions is the largest in the group?</p> <p>A. $\frac{2}{3}$ B. $\frac{1}{4}$ C. $\frac{5}{6}$ D. $\frac{5}{8}$</p>
<p>12. Which of the following would be measured in degrees Celsius?</p> <p>A. The length of a pole B. The temperature of the day C. The mass of a suitcase D. The capacity of a container</p>	<p>16. A vendor sells limes at \$2.00 per dozen. This is the same as selling them at</p> <p>A. 4 for 25 cents B. 3 for 50 cents C. 8 for 25 cents D. 3 for 80 cents</p>
<p>13. The time 2:40pm on a 24hour clock is</p> <p>A. 2:40 hours B. 13:40 hours C. 14:40 hours D. 20:40 hours</p>	<p>17. Which gives the same answer as 24×2?</p> <p>A. $24 \div 24$ B. 24×24 C. $24 - 24$ D. $24 + 24$</p>
<p>14. The prime factors of 100 are</p> <p>A. 2×50 B. $2 \times 2 \times 25$ C. $2 \times 5 \times 20$ D. $2 \times 2 \times 5 \times 5$</p>	<p>18. 5846 rounded to the nearest 100 is</p> <p>A. 5840 B. 5850 C. 5800 D. 58900</p>

These are the heights of 11 children in cm: 127, 129, 138, 136, 131, 136, 131, 132, 131, 139, 133.

Use the information to answer questions 19 and 20.

19. In the list of numbers, the number 131 is the
- A. mode
 - B. mean
 - C. median
 - D. range

20. In the list of numbers, the number 132 is the
- A. mode
 - B. mean
 - C. median
 - D. range

21. Another name for the average is the
- A. mode
 - B. mean
 - C. median
 - D. range

The table below shows the pupils and their scores out of 60 on a spelling test.

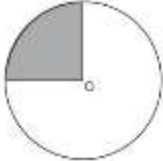
Pupils	Scores
Josh	40
Dick	35
Jeff	45
Frank	15

Use the table to answer questions 22 and 23.

22. Which pupil scored 75% on the test?
- A. Josh
 - B. Dick
 - C. Jeff
 - D. Frank

23. Which pupil scored less than 50% on the test?
- A. Josh
 - B. Dick
 - C. Jeff
 - D. Frank

24. An angle which measures more than 90° , but less than 180° is called a/an
- A. acute angle
 - B. right angle
 - C. obtuse angle
 - D. triangle

<p>25. The decimal 2.5 written as a mixed number in its lowest term is</p> <p>A. $\frac{.2}{5}$ B. $2\frac{5}{10}$ C. $2\frac{1}{5}$ D. $2\frac{1}{2}$</p>	<p>Sheila makes fruit salad using bananas, oranges and apples. For every one banana, she uses 2 oranges and 3 apples. She uses 24 fruits.</p> <p>Use the information to answer questions 28 and 29.</p> <p>28. Sheila uses _____ apples. A. 4 B. 8 C. 12 D. 24</p>
<p>26. Which of these numbers has a 4 in the hundredths place?</p> <p>A. 652.4 B. 147.19 C. 423.56 D. 175.64</p>	<p>29. Sheila uses _____ oranges. A. 4 B. 8 C. 12 D. 24</p>
<p>27. A door is an example of which of the following solids?</p> <p>A. Cone B. Cuboid C. Cylinder D. Cube</p>	<p>30. The shaded part of the circle is called the</p>  <p>A. segment B. sector C. semi-circle D. arc</p>