

MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY



ANTIGUA AND BARBUDA

2015 GRADE SIX NATIONAL ASSESSMENT

MATHEMATICS - PAPER 1

June 04, 2015

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:


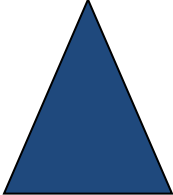


- A. 2
- B. 8
- C. 24
- D. 128

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

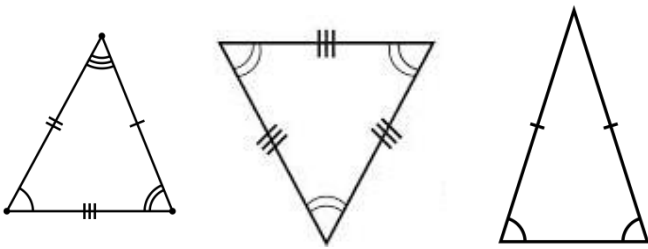


6. If you want to change your answer, be sure to erase your old answer completely and fill in your new choice.
 7. If you cannot answer a question, omit it and go on to the next one. You can come back to the harder question later.
- Your score will be the total number of correct answers.

<p>1. James is bowling. He knocked down 4 out of 10 bowling pins. What fraction of the bowling pins were NOT knocked down?</p> <p>A. $\frac{1}{3}$ B. $\frac{2}{3}$ C. $\frac{2}{5}$ D. $\frac{3}{5}$</p>	<p>5. $36 \div 3$ is the same as</p> <p>A. 12×0 B. $16 - 4$ C. $\frac{12}{3}$ D. $8 + 2$</p>
<p>2. Which list is in order from least to greatest?</p> <p>A. 1000; 1010; 1009 B. 1010; 1011; 1100 C. 1100; 1010; 1001 D. 1010; 1100; 1001</p>	<p>6. Which of the following numbers is divisible by 4?</p> <p>A. 34 B. 174 C. 192 D. 242</p>
<p>3. $5^3 =$</p> <p>A. $5 \times 5 \times 5$ B. $5 + 5 + 5$ C. $3 \times 3 \times 3 \times 3 \times 3$ D. $3 + 3 + 3 + 3 + 3$</p>	<p>7. Which letter has a pair of parallel lines?</p> <p>A. H B. T C. V D. X</p>
<p>4. Phillip's mathematics teacher drew a triangle that had a 60° angle and a 20° angle. What is the measure of the third angle in the triangle?</p> <p>A. 280° B. 100° C. 60° D. 10°</p>	<p>8. Jonas sold a total of 319 cups of lemonade in June and July. He sold 136 cups of lemonade in June. Which of the following represents the number of cups of lemonade Jonas sold in July?</p> <p>A. $183 + 319$ B. $183 - 319$ C. $319 + 136$ D. $319 - 136$</p>

<p>9. The value of 1 in 1578 is</p> <p>A. 1×1 B. 1×10 C. 1×100 D. 1×1000</p>	<p>13. Which of the following is true?</p> <p>A. $10\text{mm} = 1\text{cm}$ B. $100\text{cm} = 10\text{m}$ C. $100\text{m} = 1\text{km}$ D. $100\text{cm} = 1\text{km}$</p>
<p>10. What is the decimal 0.7 written as a fraction?</p> <p>A. $\frac{1}{7}$ B. $\frac{3}{4}$ C. $\frac{3}{7}$ D. $\frac{7}{10}$</p>	<p>14. Which shape has only one pair of parallel sides?</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p>
<p>11. Which of the following shows the number 6347 written in expanded form?</p> <p>A. $6 + 3 + 4 + 7$ B. $6000 + 300 + 4 + 7$ C. $6000 + 300 + 40 + 7$ D. $60000 + 3000 + 400 + 7$</p>	<p>15. Which of the following gives the same result as 6×4?</p> <p>A. $8 + 4 \times 2$ B. $12 - 2 \times 2$ C. $4 \times 5 + 4$ D. $12 \div 2 \times 2$</p>

16. Here are three triangles. Which of the following **best** describes them in order from left to right?



- A. Scalene, equilateral, isosceles
- B. Equilateral, scalene, isosceles
- C. Isosceles, scalene, equilateral
- D. Equilateral, isosceles, scalene

20. On a 24 hour clock which one of the following times is the same as 8:00pm?

- A. 08:00 hours
- B. 08:20 hours
- C. 20:00 hours
- D. 23:00 hours

17. Which pattern follows the rule below?

Divide by 2.

- A. 8, 6, 4, 2, ...
- B. 9, 7, 5, 3, ...
- C. 24, 12, 6, 3, ...
- D. 36, 18, 9, 3, ...

21. Choose a word which describes all the other words.

- A. Time
- B. Month
- C. Week
- D. Day

18. What is \$251.13 rounded to the nearest dollar?

- A. \$250.00
- B. \$251.00
- C. \$251.10
- D. \$300.00

22. How many thirds are there in 9?

- A. 3
- B. 9
- C. 18
- D. 27

19. Which of the following has the largest value?

- A. 0.009
- B. 0.09
- C. 0.9
- D. 9.0

23. Which equation is true?

- A. $9 \times 0 = 0$
- B. $9 \times 0 = 9$
- C. $9 \times 0 = 1$
- D. $9 \times 1 = 0$

24. The cook in a school cafeteria wants to survey the students to determine which school lunch is the most popular. Which question would be best for the cook to ask the students?

- A. Do you like when spaghetti is served?
- B. Which school lunch do you like the most?
- C. Do you like pizza better than tacos?
- D. What is your favourite food?

25. What quantity comes next in the following?

$$\frac{1}{4}, \frac{1}{2}, \frac{6}{8}, \text{ ———}$$

- A. $\frac{1}{3}$
- B. $\frac{3}{8}$
- C. 1
- D. 2

28. Which number will make the number sentence true?

$$\frac{24}{56} = \frac{\quad}{7}$$

- A. 2
- B. 3
- C. 5
- D. 8

26. If $7.26 \times 10 = 72.6$, then $7.26 \times 100 =$

- A. 726.0
- B. 72.6
- C. 7.26
- D. 0.726

29. Which of the following groups contains only composite numbers?

- A. {2, 4, 6, 8}
- B. {2, 3, 4, 5}
- C. {6, 8, 9, 15}
- D. {12, 15, 17, 20}

27. Use the list of numbers to answer the question below.

22, 25, 14, 11, 23, 22, 43

What is the mode?

- A. 43
- B. 25
- C. 23
- D. 22

30. Taylor pays \$52.50 for 5 yards of fabric. What is the cost per yard?

- A. \$1.05
- B. \$10.05
- C. \$10.50
- D. \$105.00