NATIONAL MATHEMATICS CONTEST
TODDLERS (GRADE 1 & 2)

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INSTRUCTIONS

1. DON'T START ATTEMPTING THE PAPER UNTIL INSTRUCTED BY THE INVIGILATORS.
2. INSTRUCTIONS FROM THE EXAMINATION INVIGILATORS MUST BE CARRIED OUT PROMPTLY.
3. WRITE YOUR NAME, FATHER NAME, SCHOOL NAME, ADDRESS ETC AT THE BUBBLE SHEET ONLY.
4. RECORD ALL ANSWERS ON THE BUBBLE SHEET ONLY. SELECT BEST ANSWER FROM THE FOUR GIVEN OPTIONS AND MARK ONLY ONE OPTION IN EACH QUESTION.
5. USE BLUE / BLACK INK TO FILL UP THE CIRCLES FOR YOUR ANSWERS ON THE BUBBLE SHEET. USE OF LEAD PENCIL IS NOT ALLOWED.
6. USE OF ANY HELPING MATERIAL INCLUDING CELL PHONES AND ELECTRONIC DEVICES IS STRICTLY PROHIBITED.
7. EVERY CORRECT ANSWER EARNS THREE POINTS. THERE WOULD BE NEGATIVE MARKING. ONE POINT WOULD BE DEDUCTED FOR EVERY INCORRECT ANSWER.
8. CANDIDATES MAY NOT LEAVE THE EXAMINATION ROOM UNESCORTED FOR ANY REASON, AND THIS INCLUDES USING THE WASHROOM.
9. THERE ARE SIX CATEGORIES OF THE CONTEST AS UNDER:
   A. TODDLERS (GRADE 1 & 2)
   B. KIDS (GRADE 3 & 4)
   C. JUNIORS (GRADE 5 & 6)
   D. JUVENILES (GRADE 7 & 8)
   E. ADOLESCENTS (GRADE 9 & 10 / O-LEVELS)
   F. SENIORS (GRADE 11 & 12 / A-LEVELS)
10. ONLY REGISTERED STUDENTS CAN PARTICIPATE IN THE CONTEST.
11. NO CANDIDATE SHALL TAKE OUT OF THE HALL ANY ANSWER BOOK(S) OR PART OF AN ANSWER BOOK, WHETHER USED OR UNUSED, OR OTHER SUPPLIED MATERIAL.
12. IF A PARTICIPANT DOES NOT UNDERSTAND A WORD OR PHRASE ON THE EXAM PAPER, NEITHER EXAMINER NOR INVIGILATOR IS PERMITTED TO ANSWER.
13. FOR INFORMATION ABOUT UPCOMING CONTESTS OR PROVIDING VALUABLE FEEDBACK, PLEASE VISIT WWW.CATSCONTESTS.ORG
14. ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO INTERNATIONAL CATS CONTESTS AT INFO@CATSCONTESTS.ORG
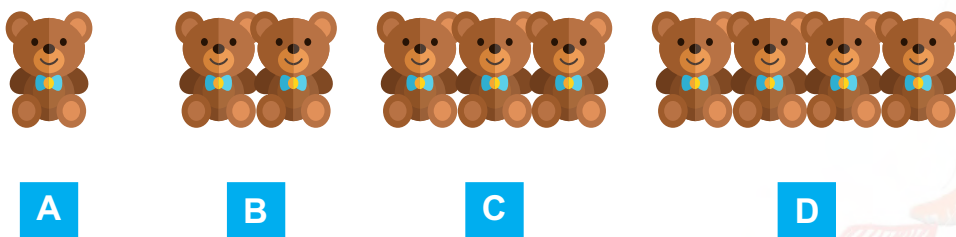
Q1. *What is this number in digits?*
Fifty one

| **A** 51 | **B** 55 | **C** 61 | **D** 85 |

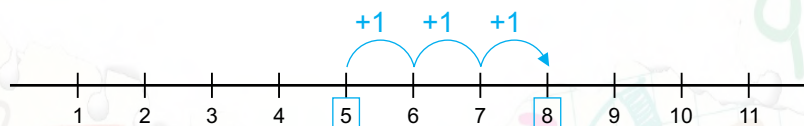**Q2.** *The children ate some pizza, and the shaded parts represent the eaten parts.*
Who eats the same amount of pizza as Amna eats?

Amna

A   **B**   **C**   **D**
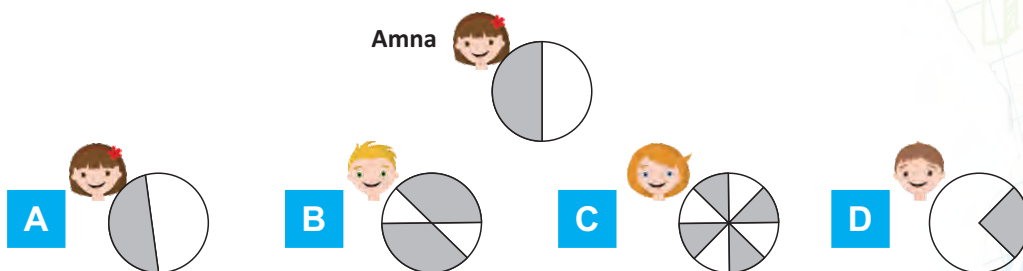
Q3. *Which picture shows 2 + 1 = 3*

A   **B**   **C**   **D**

Q4. *Which addition sentence does this model show?*

+1   +1   +1

1   2   3   4   5   6   7   8   9   10   11

| **A** 3 + 3 = 6 | **B** 5 + 3 = 8 | **C** 5 + 5 = 10 | **D** 4 + 3 = 7 |

National Mathematics Contest 2017 (Toddlers - Grade 1 & 2)

Q5. A bottle of green tea weighs 350 grams. Mom drinks half of it, and then it weighs 200 grams. How heavy is the bottle?

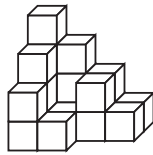| A | 25 grams | B | 50 grams | C | 75 grams | D | 100 grams |

Q6. How many pieces of ⬜ are used to compose the figure on the right?
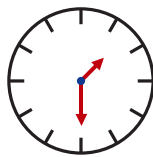

| A | 23 | B | 24 | C | 20 | D | 16 |

Q7. The figure on the right is the image of a clock Betsy sees in a mirror. **What is the time shown on the original clock?**

| A | 10:30 | B | 01:30 | C | 02:30 | D | 11:30 |

Q8. Which month comes right after March?
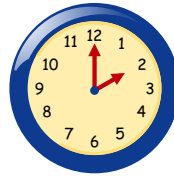
| A | January | B | April | C | February | D | May |

Q9. *Ali arrived at the doctor's office at one o'clock. He waited one hour until he saw the doctor. What time was it when Ali saw the doctor?*

A   **B**   **C**   **D**

Q10. *Jimmy is playing a dart game. If he gets 100 points after throwing 3 darts, what is the score for each dart he threw?*
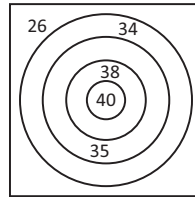
| **A** 26, 34, 40 | **B** 24, 38, 40 | **C** 35, 40, 38 | **D** 40, 38, 26 |

Q11. *The transportation company tracked the number of train tickets sold in the past 4 days.*

train tickets sold	
Day	**Number of tickets**
Saturday	*96*
Sunday	*92*
Monday	*94*
Tuesday	*98*

On which day were the most train tickets sold?

| **A** Saturday | **B** Sunday | **C** Monday | **D** Tuesday |

National Mathematics Contest 2017 (Toddlers - Grade 1 & 2)

Q12. There are two medium size wooden barrels inside a large barrel and each medium barrel also holds four small barrels. If 2 large barrels were purchased, what is the total number of barrels in this purchase?

A	10	B	11	C	18	D	22

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Q13. I am a two-digit number. I have an eight in the tens place. You say me when you count by tens.

What number am I?

A	60	B	70	C	80	D	90

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Q14. Which even number comes right after 24?

A	25	B	26	C	27	D	28

- -

Q15. What fraction of the diamonds are purple?

A	$\frac{2}{7}$	B	$\frac{4}{5}$	C	$\frac{1}{5}$	D	$\frac{3}{7}$

Q16. *Each tool box has 2 pairs of scissors.*

How many pairs of scissors are in 6 tool boxes?

Number of tool boxes	Number of pairs of scissors
1	2
2	4
3	6
4	8
5	10
6	?

A	14	B	12	C	09	D	06

Q17. *Faiza is helping set up for a school picnic by putting out small and large plates. She has a total of 92 paper plates. If she has 50 large ones, how many small paper plates does Faiza have?*

A	42	B	52	C	142	D	152

Q18. *Use the ruler to measure the length of the **Red line** to the nearest centimetre.*

0cm 1 2 3 4 5 6 7 8 9 10

What is the length of the Red line ?

A	3 cm	B	4 cm	C	5 cm	D	7 cm

Q19. *What is the **temperature?***
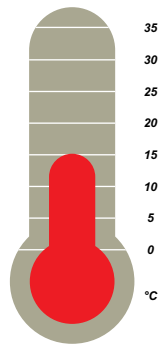
| A | 20 °C | B | 15 °C | C | 10 °C | D | 0 °C |

Q20. *What number has 6 hundreds 8 tens and 5 units?*

| A | 586 | B | 685 | C | 856 | D | 865 |