



FSP MATHEMATICS CONTEST

2021

QUESTION BOOKLET

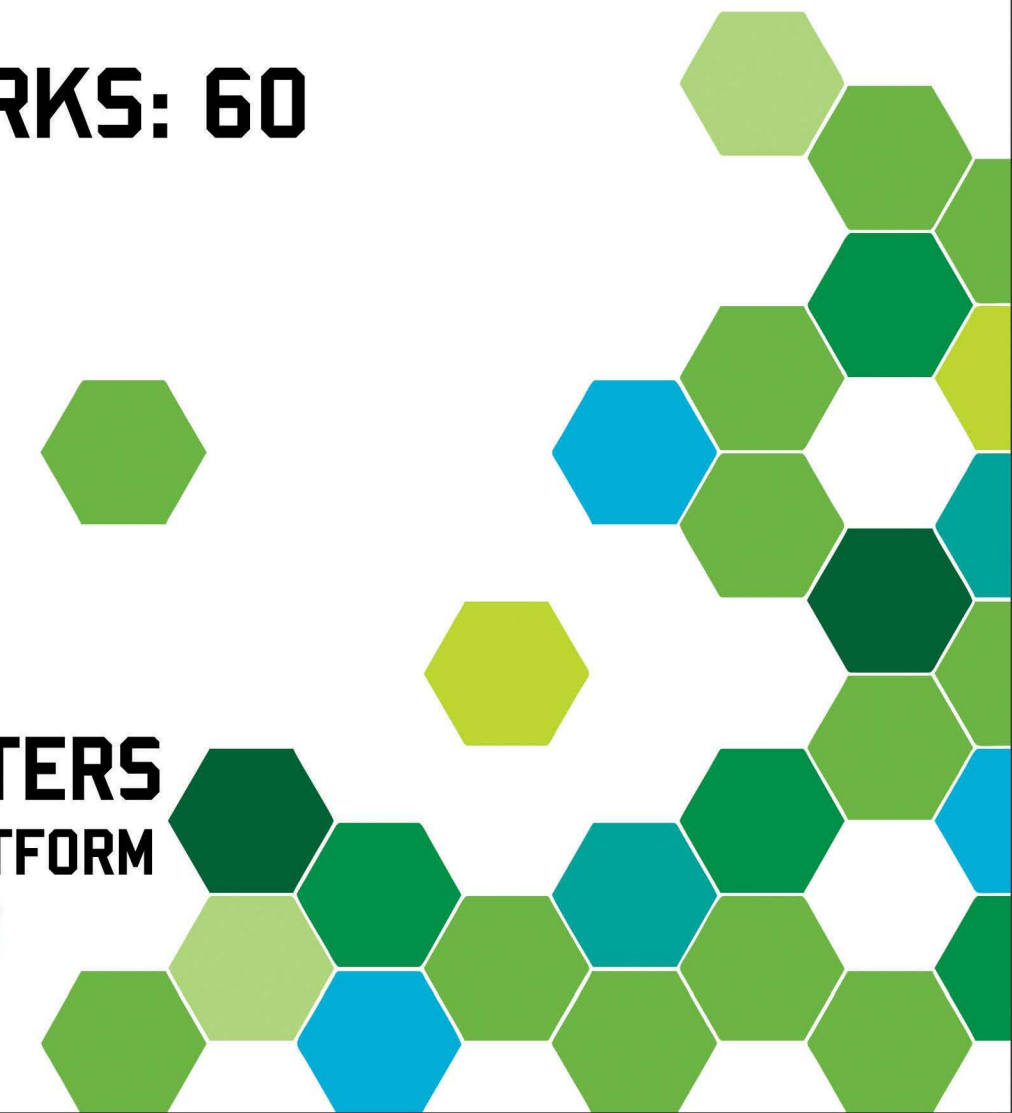
GRADE 1 & 2

TIME ALLOWED: 75 Minutes

MAXIMUM MARKS: 60



**VIBRANT YOUNGSTERS
FAMOUS STUDENTS PLATFORM
WE FAMOUS YOU**



INSTRUCTIONS

- 1) **DON'T START ATTEMPTING THE PAPER UNTIL INSTRUCTED BY THE INVIGILATOR.**
- 2) **INSTRUCTIONS FROM THE EXAMINATION INVIGILATOR MUST BE CARRIED OUT PROMPTLY.**
- 3) **CAREFULLY RECHECK YOUR NAME, FATHER NAME, SCHOOL NAME, ADDRESS ETC AT THE BUBBLE SHEET / ANSWER SHEET.**
- 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) **NO MATERIALS OR ELECTRONIC DEVICES SHALL BE BROUGHT IN TO THE ROOM.**
- 10) **THERE ARE FIVE CATEGORIES OF THE CONTEST AS UNDER:**
 - A) **VIBRANT YOUNGSTERS (GRADE 1 & 2)**
 - B) **VIBRANT YOUNGSTERS (GRADE 3 & 4)**
 - C) **VIBRANT YOUNGSTERS (GRADE 5 & 6)**
 - D) **VIBRANT YOUNGSTERS (GRADE 7 & 8)**
 - E) **VIBRANT YOUNGSTERS (GRADE 9 & 10 / 0-LEVELS)**
- 11) **ONLY REGISTERED STUDENTS CAN PARTICIPATE IN THE CONTEST.**
- 12) **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.**
- 13) **IF A PARTICIPANT DOES NOT UNDERSTAND A WORD OR PHRASE ON THE EXAM PAPER, NEITHER EXAMINER NOR INVIGILATOR IS PERMITTED TO ANSWER.**
- 14) **FOR INFORMATION ABOUT UPCOMING CONTESTS OR PROVIDING VALUABLE FEEDBACK, PLEASE VISIT WWW.FSPCOMPETITIONS.ORG**
- 15) **ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO FSP VIBRANT YOUNGSTERS AT INFO@FSPCOMPETITIONS.ORG**

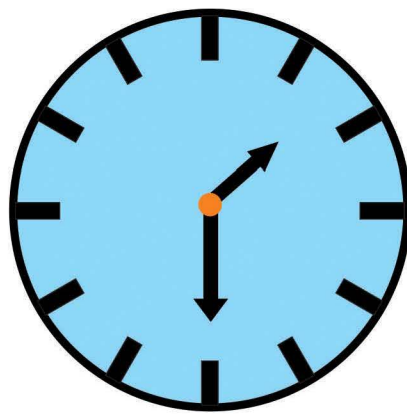
Q.1) Which Picture shows $2 + 1 = 3$?



Q.2) A bottle green tea weights 350 grams. Mom drinks half of it.
& then itr weight 200 grams. How heavy is the bottle?

- A** 25 Grams **B** 75 Grams **C** 100 Grams **D** 80 Grams
-

Q.3) The figure below is the image of a clock Betsy sees in a mirror. What is the time shown on the original clock?

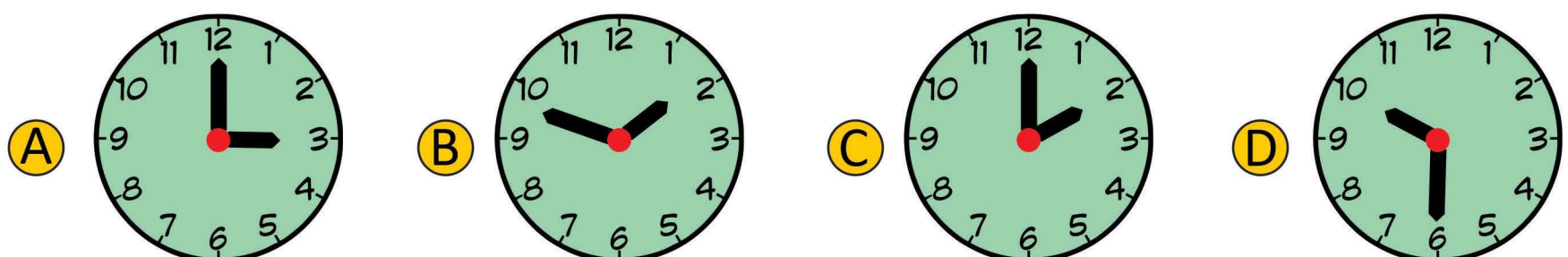


- A** 10:30 **B** 01:30 **C** 02:30 **D** 11:30
-

Q.4) Which Month comes after May?

- A** January **B** June **C** February **D** July
-

Q.5) Ali arrived at the doctor's office at nine o'clock. He waited one hour until he saw the doctor. What time was it when Ali saw the doctor?



Q.6) Each tool box has 2 pairs of tapes. How many pairs of tapes are in 6 tool boxes?

Number of toolboxes	Number of Pair of tapes
1	2
2	4
3	6
4	8
5	10
6	?

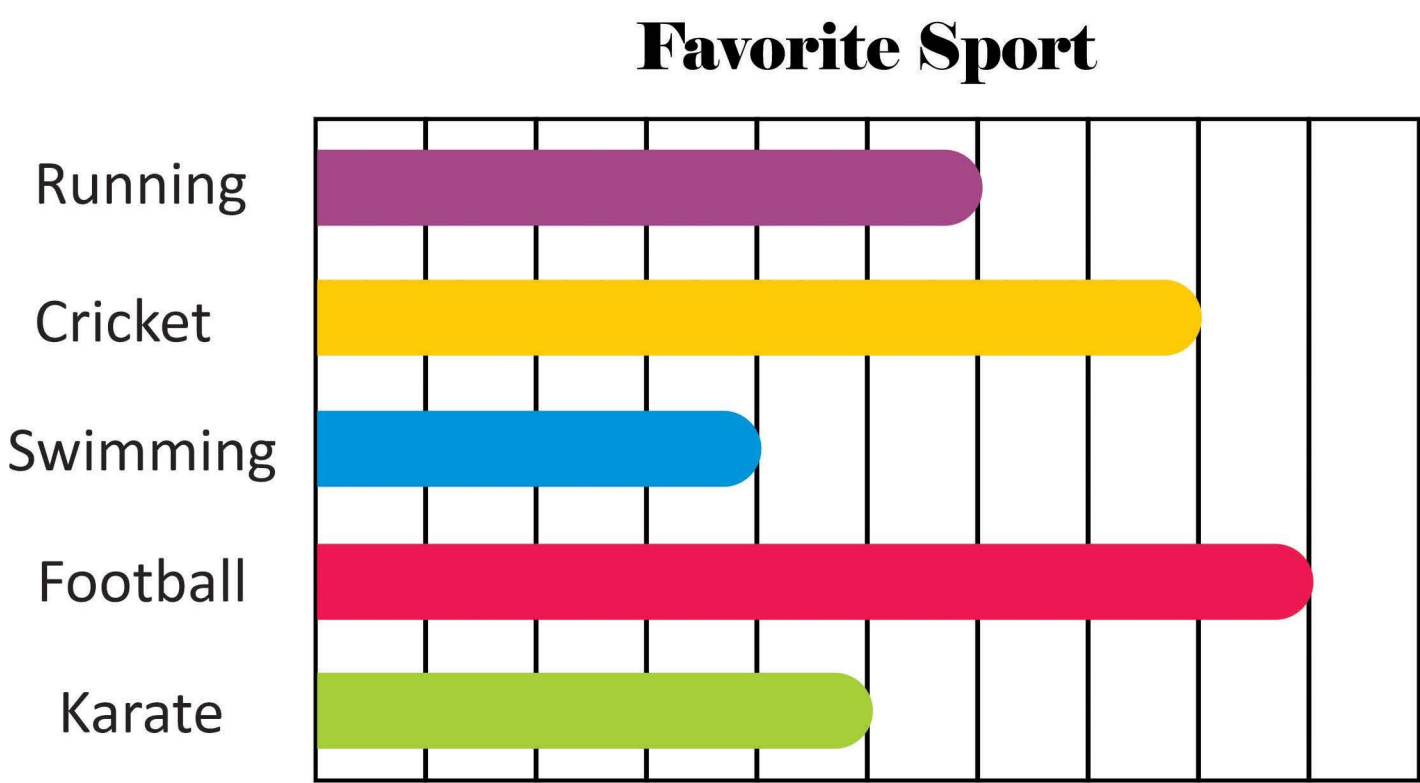
A 14

B 12

C 09

D 06

Q.7) The graph below shows the favorite sport of each of 160 people.



According to the graph, how many more people chose cricket than karate as their favorite sport?

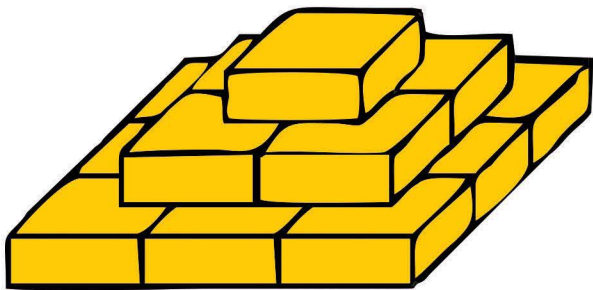
A 15

B 20

C 25

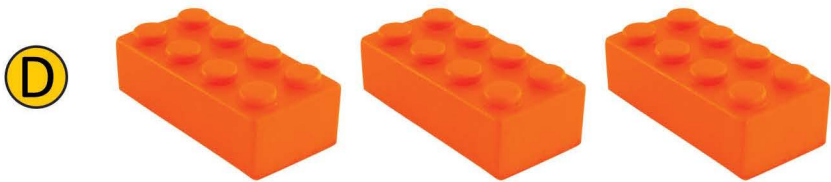
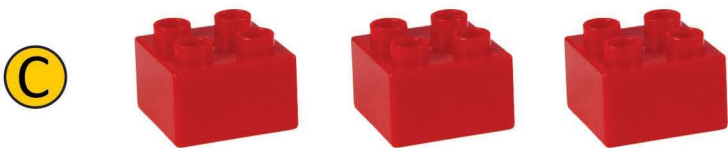
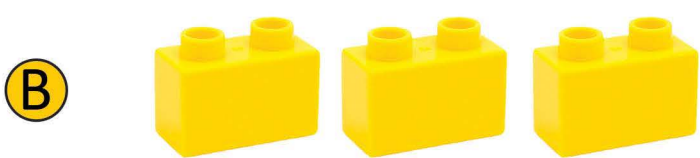
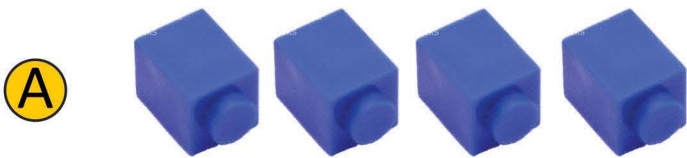
D 65

Q.8) Fourteen blocks were used to build this three-layer pyramid. How many blocks would we need to build a five-layer pyramid?



- A 21
- B 61
- C 41
- D 51

Q.9) Which set of bricks is less heavier?



Q.10) Brooke's baby, Ryan, weighed 7 pounds when he was born. Brooke weighed her baby each month after he was born. Ryan's weight each month, in pounds, is shown in the table below.

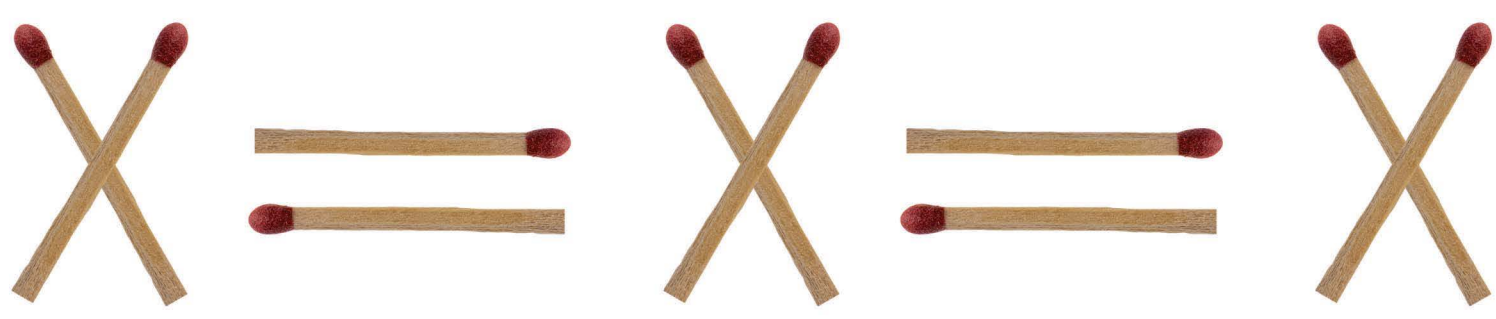
Ryan’s Weight

Age	Weight (Pounds)
Birth	7
1 month	9
2 month	11
3 month	13
4 month	15

Which statement about the weight of the baby is true?

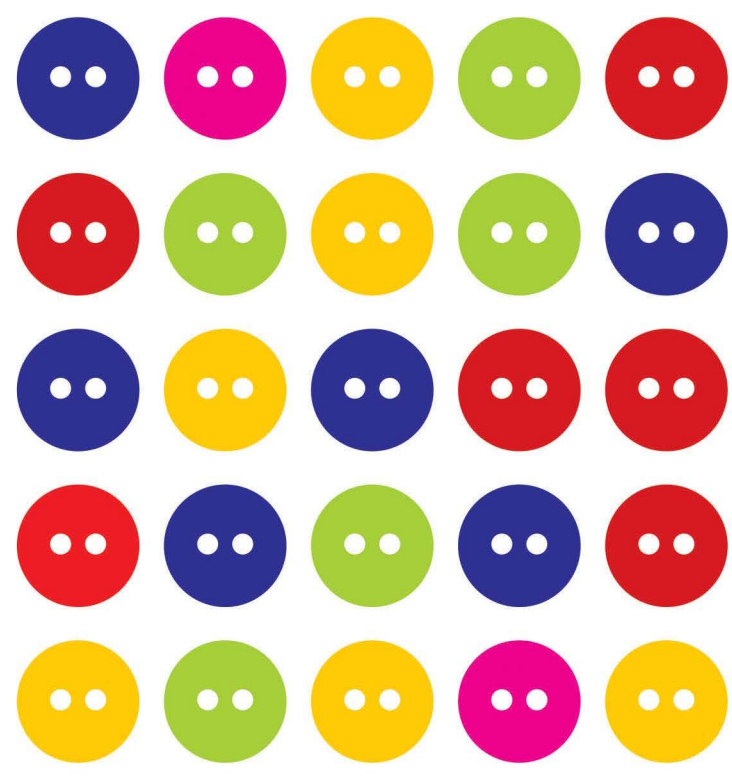
- A** The baby gained 1pound each month.
 - B** The baby gained 2 pounds each month.
 - C** The baby gained 9 pounds in the first month.
 - D** The baby gained 15 pounds In the last month.
-

Q.11) How many matchsticks are there in the picture?



- A** 12
 - B** 03
 - C** 10
 - D** 06
-

Q.12) Which button is in the middle between two Pink buttons?



- A** Red
 - B** Green
 - C** Blue
 - D** Yellow
-

Q.13) How many women are there?



A One

B Many

C Two

D None

Q.14) Ali wrote the number sentence below.

$107 < \text{----}$

Which number can Ali write on the line to make the number sentence correct?

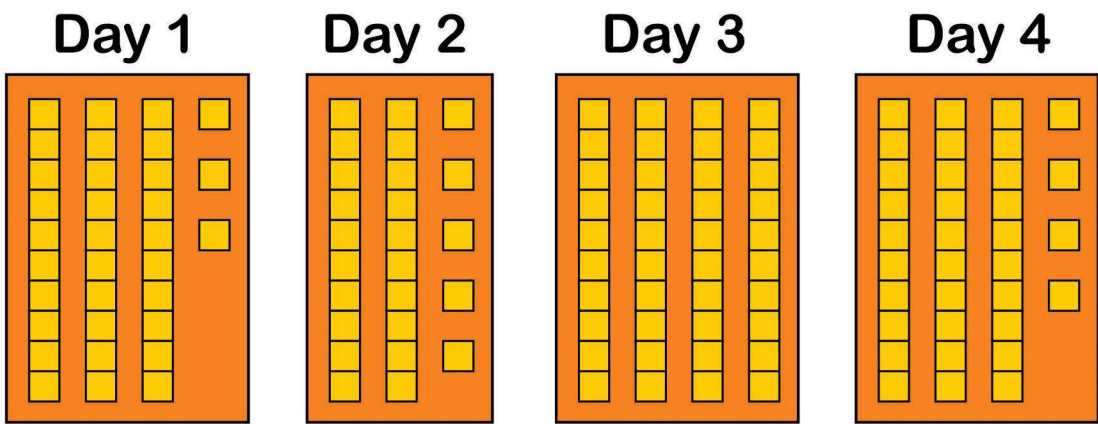
A 101

B 106

C 107

D 109

Q.15) The students in art class were building a castle with blocks. The pictures below show how many blocks they used each day in building the castle.



After 4 days the castle was complete. How many blocks in all were used to make the castle?

A 102

B 122

C 122

D 132

Q.16) Sanders ran for 22 minutes. Gabe ran 7 minutes longer than Sanders did. Helen ran 12 minutes less than Gabe. For how many minutes did Helen run?

A 3 minutes

B 17 minutes

C 27 minutes

D 41 minutes

Q.17) Wanda traveled on an airplane three times last year.

- In January she traveled 278 miles.
- In April she traveled 652 miles.
- In September she traveled 767 miles.

How many more miles did Wanda travel in January and April combined than she traveled in September?

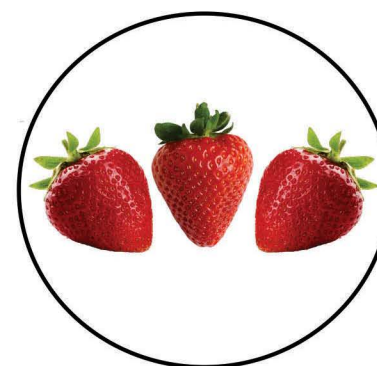
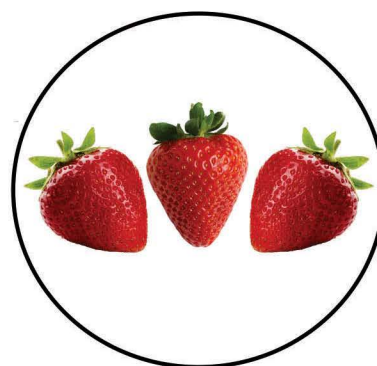
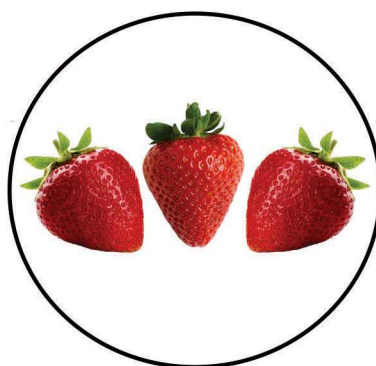
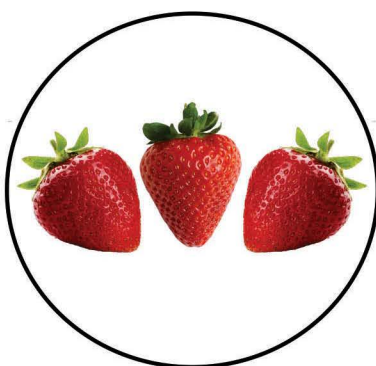
A 930 mi

B 147 mi

C 163 mi

D 237 mi

Q.18) Edward arranged some strawberries into groups, as shown below.



Which expression represents the total number of strawberries Edward arranged?

A $4+3$

B 4×3

C $3 \times 3 \times 3 \times 3$

D $4+4+4+4$

Q.19) Cindy made the number pattern shown.

33, 29, 25, 21, 17, _ _ ' _ _

Which two numbers should be next in Cindy's pattern?

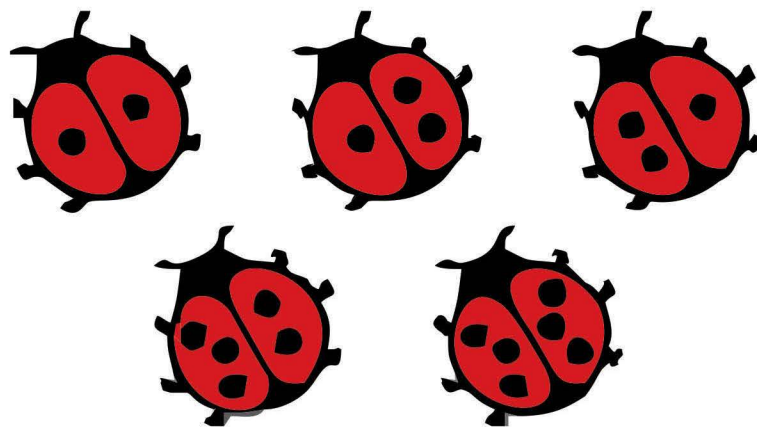
A 18 & 19

B 16 & 15

C 13 & 09

D 12 & 08

Q.20) Five lady -bugs live on a bush. In total, how many spots have the lady-bugs?



A 17

B 18

C 19

D 20

THE END



Answer Sheet

Q. No.

Answer

- | | | | | |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 1 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> | <input checked="" type="radio"/> D |
| 2 | <input checked="" type="radio"/> A | <input type="radio"/> | <input checked="" type="radio"/> C | <input checked="" type="radio"/> D |
| 3 | <input type="radio"/> | <input checked="" type="radio"/> B | <input checked="" type="radio"/> C | <input checked="" type="radio"/> D |
| 4 | <input checked="" type="radio"/> A | <input type="radio"/> | <input checked="" type="radio"/> C | <input checked="" type="radio"/> D |
| 5 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> | <input checked="" type="radio"/> D |
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| 9 | <input type="radio"/> | <input checked="" type="radio"/> B | <input checked="" type="radio"/> C | <input checked="" type="radio"/> D |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> | <input checked="" type="radio"/> C | <input checked="" type="radio"/> D |

Q. No.

Answer

- | | | | | |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
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| 14 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> |
| 15 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> |
| 16 | <input checked="" type="radio"/> A | <input type="radio"/> | <input checked="" type="radio"/> C | <input checked="" type="radio"/> D |
| 17 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> | <input checked="" type="radio"/> D |
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| 20 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> | <input checked="" type="radio"/> D |



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