

Math Bee (Sample)

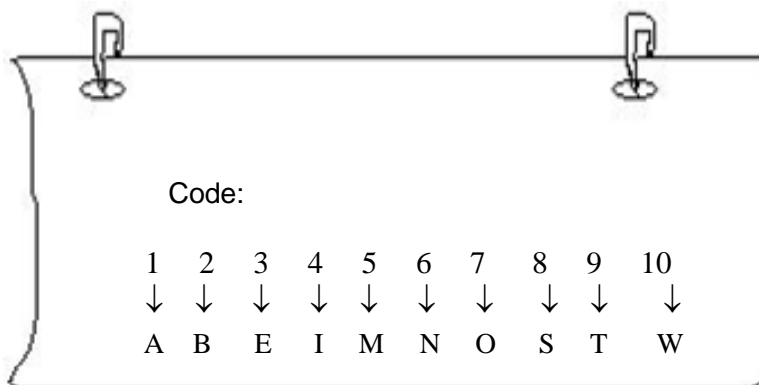
This file contains both Level 1/Phase 1 and Level 1/Phase 2 sample questions

Level 1-Phase 1

Dear Contestant,

Please note that the following Math Bee Level 1/Phase 1 questions are for guidance only. Although these questions came from an actual test paper, the actual questions you encounter in the contest may vary. Syllabus is the basis on which the question papers are set. We urge you to study the resources published on the NSF website under preparation.

Q1



Divide and then use the code above to change the answers into letters. (Transfer the answer to page 2-answer sheet.)

$6 \div 3$	$27 \div 3$
2	
B	

Q_2

Fill in the blanks. (Transfer the answer to page 2-answer sheet.)

$$3 + 3 + 3 + 3 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Q3

Fill in the blank. (Transfer the answer to page 2-answer sheet.)



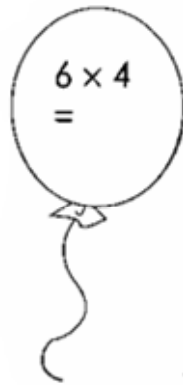
$$24 \div 6 = \underline{\hspace{2cm}}$$

Q_4 Find the value. (Transfer the answer to page 2-answer sheet.)

$$378 - 47 = \underline{\hspace{2cm}}$$

Q_5

Solve the problem on the balloon. (Transfer the answer to page 2-answer sheet.)



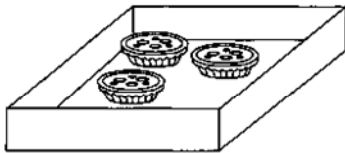
Q_6

Identify the highest fraction amidst these four fractions. (Transfer the answer to page 2-answer sheet.)

$\frac{1}{12}, \frac{1}{11}, \frac{1}{6}, \frac{1}{7}$

Q_7 An album can hold 400 stickers. Lily has 199 stickers. How many more stickers does she need to fill the album? (Transfer the answer to page 2-answer sheet.)

Q_8 Miss Lee bought 6 boxes of tarts. Each box contained 3 tarts. She gave the tarts equally to 2 children. How many tarts did each child get? (Transfer the answer to page 2-answer sheet.)



Each box

Q_9

Write the fraction in its simplest form. (Transfer the answer to page 2-answer sheet.)

$$\frac{9}{12} =$$

Q_10 Add. (Transfer the answer to page 2-answer sheet.)

$$3 \text{ m } 60 \text{ cm} + 45 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$$

Q.11) Yasmin wanted to buy a skateboard which cost \$79.87. She had only \$51.99. How much money must she save in order to buy the skateboard?

(Transfer the answer to page 2-answer sheet.)

Q.12) A grocer bought 780 lollipops. She packed them into bags of 3 each.

How many bags did she get? (Transfer the answer to page 2-answer sheet.)

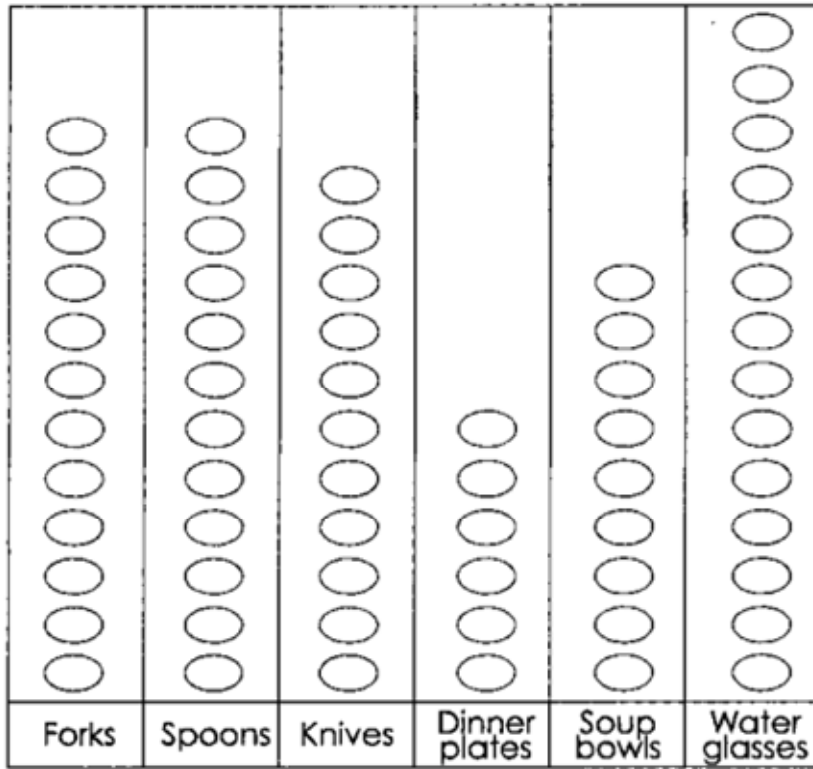
Q.13) Add or subtract the following. (Transfer the answer to page 2-answer sheet.)

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 8 \quad 320 \\ - \quad 3 \quad 575 \\ \hline \end{array}$$

Q.14) Convert the following into inches. (Transfer the answer to page 2-answer sheet.)

1 ft 10 in. = _____ in.

Q.15) The picture graph below shows the number of items Mother has in her cabinet.



Mother is inviting 10 friends for dinner this Saturday. (Do not forget to include Father and Mother.)

Mother decides to borrow some soup bowls from her neighbor. How many does she have to borrow? _____ . (Transfer the answer to page 2-answer sheet.)

Math Bee (Sample)

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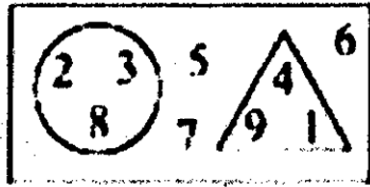
Level 1-Phase 2

Dear Contestant,

Please note that the following Math Bee Level 1/Phase 2 questions are for guidance only. Although these questions came from an actual test paper, the actual questions you encounter in the contest may vary. Syllabus is the basis on which the question papers are set. We urge you to study the resources published on the NSF website under preparation.

Q.1) Calculate the sum of the numbers in the circle: (Transfer the answer to page 2-answer sheet.)

- A) 12 B) 18 C) 14 D) 13 E) 45



Q.2) After 1 comes 3, after 3 comes 5, after 5 comes 7. What comes after 7?
(Transfer the answer to page 2-answer sheet.)

1 3 5 7 . . .

- A) 2 B) 4 C) 7 D) 8 E) 9

Q.3) Michael glued 3 cubes together, as in the picture, and then he covered all



of them with paint. How many squares did he paint?

(Transfer the answer to page 2-answer sheet.)

- A) 3 B) 7 C) 10 D) 14 E) 16

Q.4) One hen lays one egg a day. In how many days will two hens lay 6 eggs?

(Transfer the answer to page 2-answer sheet.)

- A) 1 B) 3 C) 6 D) 9 E) 10

Q.5) Which number is missing from the table of the numbers given below?

(Transfer the answer to page 2-answer sheet.)

2	9	16
?	18	25

- A) 7 B) 10 C) 11 D) 12 E) 14

Q.6) Dan left his home at 8:00 A.M. He left school at 12:30 P.M. The walk to home takes 30 minutes. How long was he gone from his house? (Transfer the answer to page 2-answer sheet.)

- A) 4 hours B) 4 hours 30 minutes C) 5 hours
D) 5 hours 30 minutes E) 6 hours

Q.7) What number is covered by ? in the last picture below? (Transfer the answer to page 2-answer sheet.)



A) 1

B) 2

C) 3

D) 4

E) 5

Q.8) Dan was given a bag of fruit-color candy (yellow, orange, red, green, brown). The bag contained 20 pieces of candy, with the same number of each color. Dan first ate only the yellow, red and orange ones. How many pieces of candy are left in the bag? (Transfer the answer to page 2-answer sheet.)

A) 5

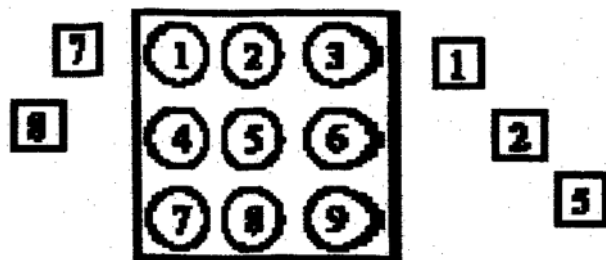
B) 6

C) 15

D) 12

E) 8

Q.9) The sum of two digits, one from inside the square and one from outside the square is greater than 10. How many such pairs can you make? (Transfer the answer to page 2-answer sheet.)



- A) 19
- B) 11
- C) 6
- D) 24
- E) 18

Q.10) Simona is younger than Victor, but older than Tibi. Alice is younger than Tibi, but older than Barbu. Who is the oldest of them all? (Transfer the answer to page 2- answer sheet.)

A) Barbu

B) Alice

C) Tibi

D) Simona

E) Victor

ANSWER KEY

Level -1

Set-1

Question Number	Answer
Phase 1	
1	T
2	4x3 or 3x4 (both are acceptable)
3	4
4	331
5	24
6	1/6
7	201
8	9
9	3/4
10	4 m 5cm
11	\$ 27.88
12	260
13	4 kg 745 g
14	22
15	3

ANSWER KEY

Level -1

Set-1

Question Number	Answer
	Phase 2
1	D
2	E
3	D
4	B
5	C
6	C
7	A
8	E
9	E
10	E