

# Mathematics

## *Practice Test*

### **ABOUT THIS PRACTICE TEST**

This *Practice Test* has 20 questions. It has been designed to give you an idea of the main IBT assessment.

### **ANSWERING THE QUESTIONS**

Each question has four options. Choose the BEST answer from the four options **A, B, C or D**.

You will find the key to the answers on the last page of this booklet.

### **EQUIPMENT ALLOWED IN THIS PRACTICE TEST**

You may use a pencil for this *Practice Test*.

### **ESTIMATED TIME FOR THIS PRACTICE TEST**

You should be able to complete this *Practice Test* in approximately 30 minutes.

**1** Which one of these equals 15?

**A**  $5 + 5$

**B**  $9 + 6$

**C**  $11 + 5$

**D**  $12 + 4$

**2**



**Jar 1**



**Jar 2**



**Jar 3**



**Jar 4**

Which jar holds the most water?

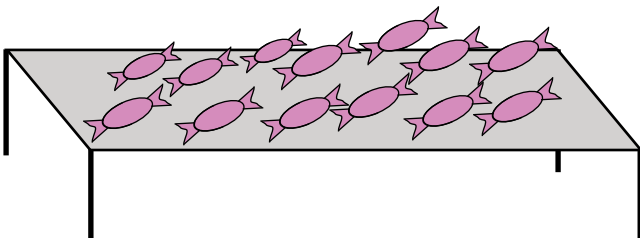
**A** Jar 1

**B** Jar 2

**C** Jar 3

**D** Jar 4

**3** How many sweets are shown?



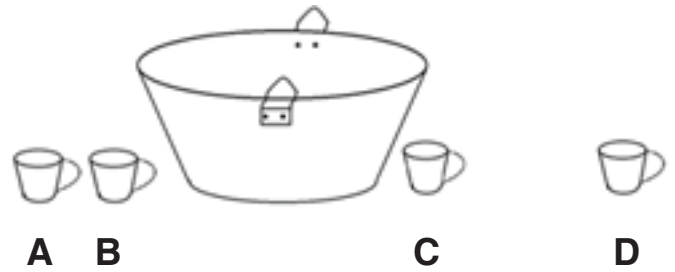
**A** 11

**B** 12

**C** 13

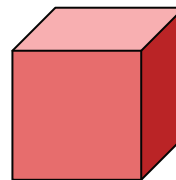
**D** 14

**4** Which of these cups is farthest away from the tub?

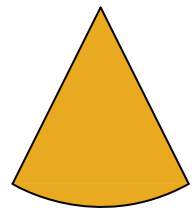


**5** Which object is shaped like a cylinder?

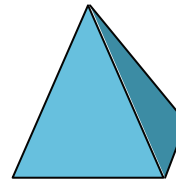
**A**



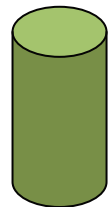
**B**



**C**



**D**



**6** Which rope is the longest?

**A**



**B**



**C**



**D**



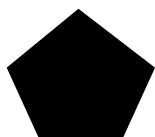
7 Which shape has the largest area?



A



B



C



D

8 The graph shows the number of children visiting a zoo.

Day	Children visiting the zoo					
Mon	😊	😊	😊	☺		
Tue	😊	😊	😊			
Wed	😊	😊				
Thu	😊	😊	☺			
Fri	😊	😊	😊	😊	😊	☺

😊 = 10 children

How many children visited the zoo on Thursday

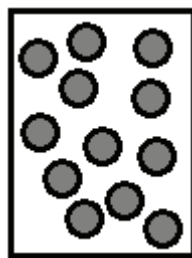
A  $2\frac{1}{2}$

B 15

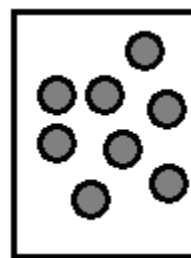
C 21

D 25

9 Raman and Vijayan both draw some circles.



Raman's circles



Vijayan's circles

How many **more** circles does Raman draw than Vijayan?

A 4

B 8

C 12

D 20

10  $60 \div 12 =$

A 4

B 5

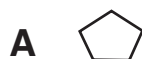
C 48

D 72

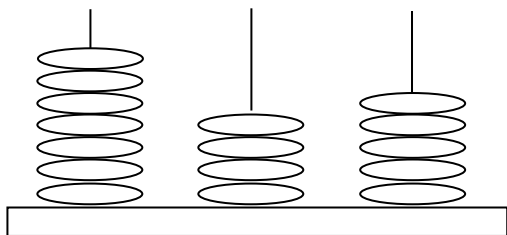
11 Sahil made this pattern of shpes.

	?			

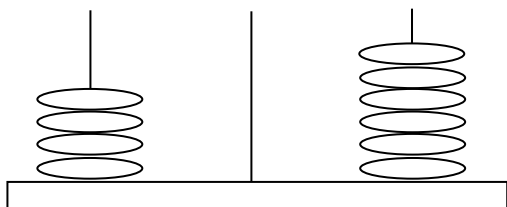
Which shape completes the pattern?



- 12 This picture shows the number 745.



What number does this picture show?



- A 460                      B 640  
C 406                      D 604

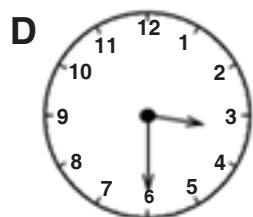
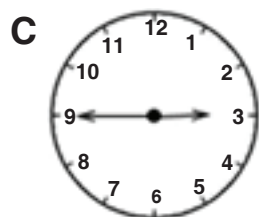
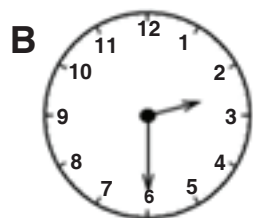
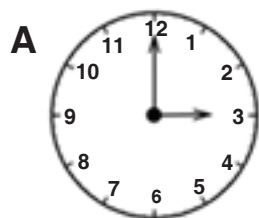
- 13 The numbers in this pattern increase by the same amount each time.

What number comes next?

12, 24, 36, 48,

- A 58                      B 60  
C 70                      D 72

- 14 Which one of these clocks shows half past three?



- 15 Which of these does **not** have a line of symmetry?

- A **F**                      B **E**  
C **C**                      D **D**

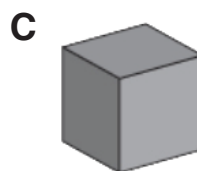
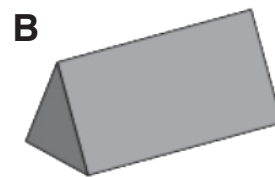
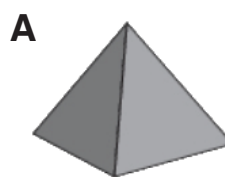
- 16 Seema has 9 pencils.  
Raj has three times as many pencils as Seema.

How many pencils do they have **altogether**?

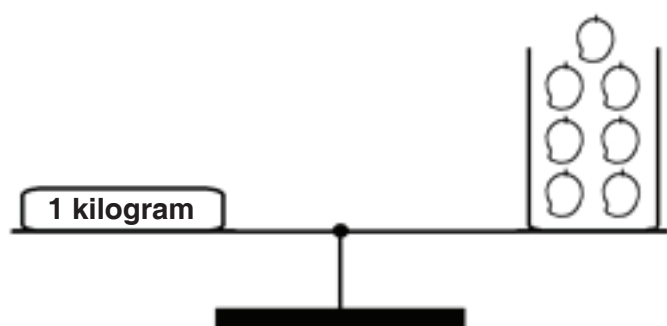
- A 12                      B 27  
C 6                      D 36

- 17 Neelam has these solid objects.

Which one has exactly twelve edges?



- 18 7 mangoes have a mass of 1 kilogram.



The mass of **one** mango is closest to?

- A 100 grams
- B 150 grams
- C 200 grams
- D 250 grams

- 20 Bharat wants to buy this shirt.



He already has \$ 75.

How much **more** money does he need?

- A \$ 175
- B \$ 35
- C \$ 25
- D \$ 15

- 19 Which of these shows three-quarters shaded black?

- A ★ ☆ ☆ ☆
- B ☆ ★ ★ ☆ ★ ★ ★ ★
- C ★ ★ ★ ☆ ☆ ☆ ☆
- D ★ ★ ★ ★ ★ ★  
★ ★ ★ ☆ ☆ ☆

Answer Key

1	B
2	C
3	C
4	D
5	D
6	A
7	B
8	D
9	A
10	B
11	A
12	C
13	B
14	D
15	A
16	D
17	C
18	B
19	D
20	C