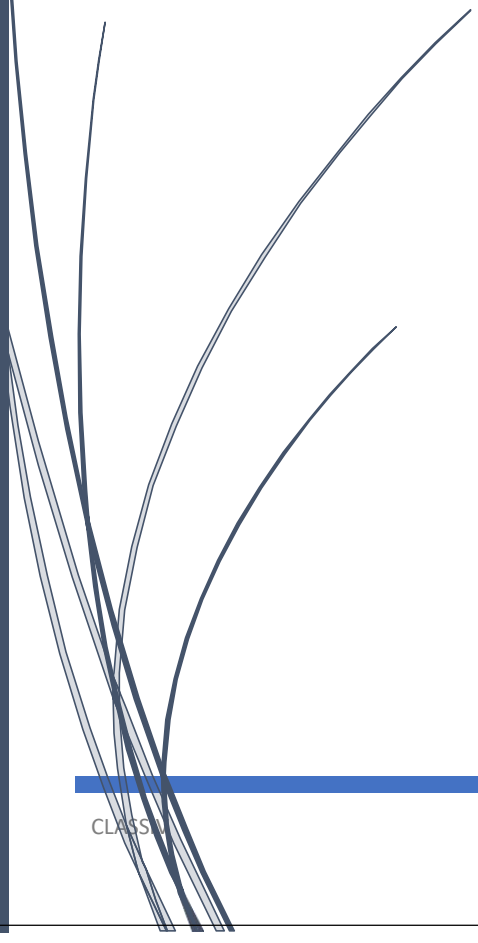
MATHEMATICS
CLASS IV



INDEX

CHAPTER -1 Building with Bricks

CHAPTER -2 Long and Short

CHAPTER -3 A Trip to Bhopal

CHAPTER -4 Tick-Tick-Tick

CHAPTER -5 The Way The World Looks

CHAPTER -6 The Junk Seller

CHAPTER -7 Jugs and Mugs

CHAPTER -8 The Junk Seller

CHAPTER -9 Halves and Quarters

CHAPTER -10 Play with Patterns

CHAPTER -11 Tables and Shares

CHAPTER -12 How Heavy? How Light?

CHAPTER -13 Fields and Fences

CHAPTER -14 Smart Charts

CHAPTER -1

Building with Bricks

2MARK QUESTIONS

Q1.Which floor pattern do you like the most?

Answer:

Pattern 5 looks familiar, so I like pattern 5.

Q2. Have you seen such patterns anywhere?

Answer:

Yes, I have seen this type of pattern in mosques.

Q3.Which pattern is made in a circle?

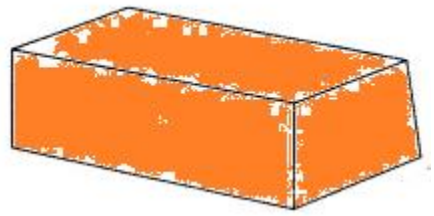
Answer:

Pattern J is made in a circle

Q4.How to draw a brick?

Answer:

Drawing a brick is shown below.



Q5.How many faces in all does a brick have?

Answer:

There are six faces in a brick.

Q6.Is any face of a brick a square?

Answer:

No, a face of brick has no square face.

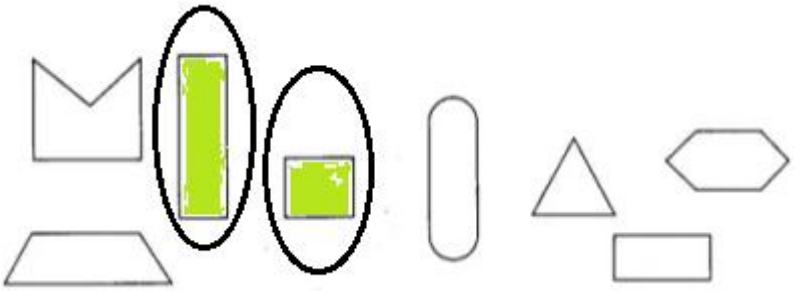
Q7.Draw the smallest face of the brick.

Answer:

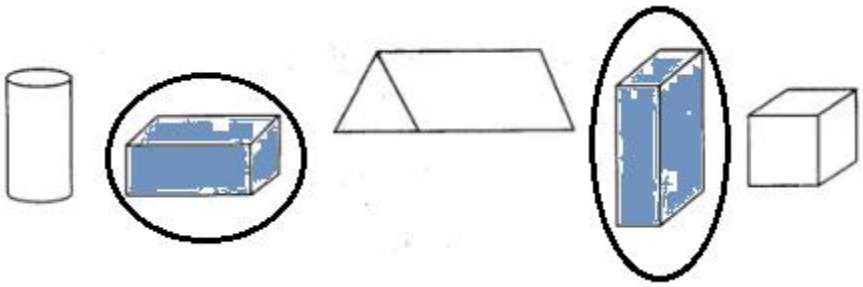
The smallest face of the brick is drawn below.

Q8.Which of these are the faces of a brick? Mark a (Right)

Answer:



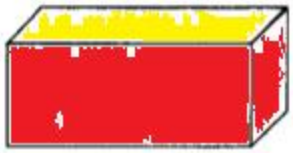
Q9.Which of these is a drawing of a brick? Mark a (Right)



Q10.Make a drawing of this box to show 3 of its faces.

Answer:

Drawing of this box to show 3 of its faces is shown below.



5MARK QUESTIONS

Q1..Can you make a drawing of a brick which shows 4 of its faces?

Answer:

No, we cannot draw a brick which shows 4 of its faces.

Q2.What do you think? Which wall will be stronger?

Answer:

The wall made by Zainab will be stronger than Muniya.

Q3.How many different 'jaali' patterns can you see in these two photos?

Answer:

There are five jaali patterns in the given two photos.

Q4.Have you seen arches in a bridge?

Answer:

Yes, I have seen arches in a bridge.

Q5.Where else have you seen an arch?

Answer:

I saw arches in old bridges. In Jaunpur, one such bridge is situated on the river Saryu.

Q6.Isn't the 'jaali' of this window beautiful? It is made of thin bricks. Have you ever seen thin bricks? Look around

Answer:

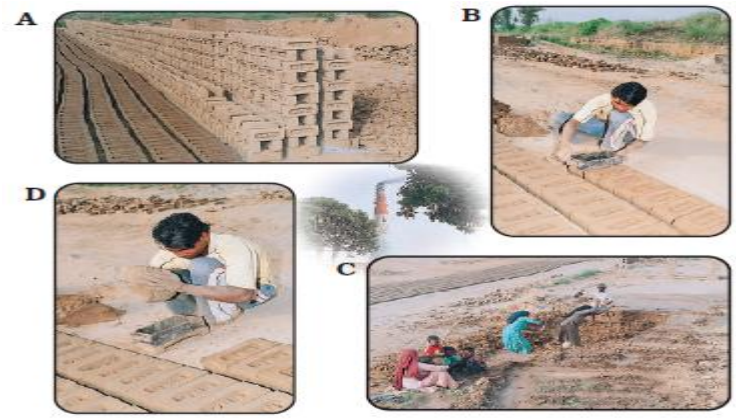
The 'jaali' of the window is very beautiful. Yes, I have seen thin bricks. These thin bricks are used in Red Fort, situated in Delhi.

Q7.Which of these bricks have curved edges?

Answer:

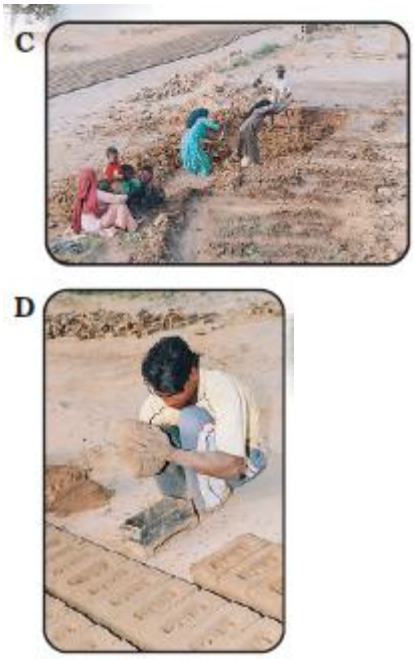
Bricks 1 and 2 from the top left have curved edges in the given figure.

Q8. Here are four pictures from the brick kiln. These pictures are jumbled up. Look at them carefully. Write the correct order



Answer:

The correct order of the given figures is C, D, B and A.



B

A

Q9. Look at these photos and guess how many bricks are carried by this truck.

Also, find out from a truck driver how many bricks they can carry in one truck.

111`1111111111111

Answer:

According to the truck driver, they can carry 4000 bricks in a truck.

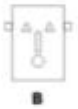
Q10.Here are four pictures from the brick kiln. These pictures are jumbled up. Look at them carefully. Write the correct order

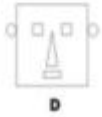
Answer:

The correct order of the given figures is C, D, B and A

MULTIPULE CHOICES

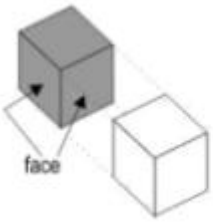
Q1:In which of the following figures are there exactly THREE squares?





Answer: D

Q2:A cube has 6 faces. Two cubes are joined face to face to form a solid shape like the one shown. How many faces will this solid have?



(A) 6

(B) 10

(C) 8

(D) 5

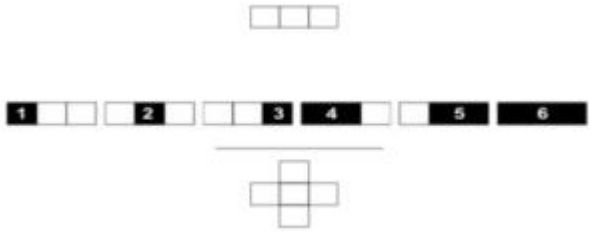
Ans: (A) 6

Q3:

There are 6 rectangles in the shape shown below:

The 6 rectangles are clearly shown here:

How many rectangles are there in this figure?



(A) 6

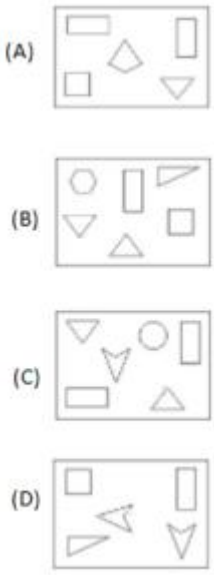
(B) 8

(C) 11

(D) 12

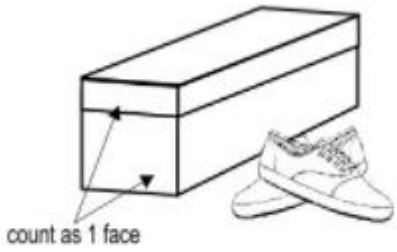
Ans: (C) 11

Q4:Which box contains 3 triangles?



Ans: (B)

Q 5:This closed shoe box (see figure) has



(A) 1 square face and two rectangular faces

(B) 2 square faces and 4 rectangular faces

(C) 2 square faces and 4 faces which are neither square nor rectangular

(D) 4 square faces and 2 rectangular faces

Ans: (B) 2 square faces and 4 rectangular faces

Q6: Which of them has a curved face?

(A) The cuboid and the cylinder

(B) The cylinder and the pyramid

(C) The cone and the pyramid

(D) The cylinder and the cone

Ans: (D) The cylinder and the cone

Q7:Which shape has NO CORNER?

(A) the cuboid

(B) the cylinder

(C) the pyramid

(D) the cone

Ans: (B) the cylinder

Q8:570 + how many tens = 1000?

(A) 430

(B) 530

(C) 43

(D) 50

Ans: (C) 43

Q 9:How many beads should be removed from the hundreds' place in the abacus shown here if it has to represent a number between 650 and 750?

(A) 4

(B) 3

(C) 2

(D) 1

Ans: (C) 2

Q10:

Which shape has exactly four corners?

(A)

(B)

(C)

(D)

Ans: (A)

Fill in the Blanks:

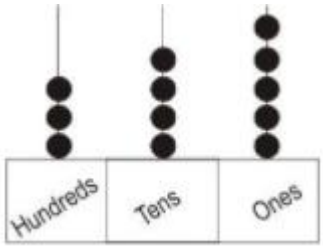
Q1:A square has 4 corners. How many corners does this shape below have?_____

Ans: 12

Q2:Shown below is a regular pencil sharpened to a point:
The number of CURVED surfaces that a pencil like this one has is_____

Ans: 2

Q3:What number will the abacus below show if one MORE bead is added to the TENS place?_____



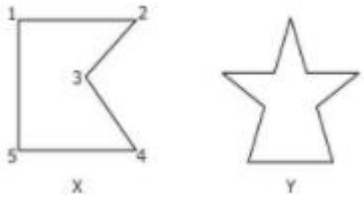
Ans: 355

Q4:What comes in the blank below to make the number sentence true?_____

5 ☐ + 3 tens = 35

Ans: ones

Q5:Shape X has 5 corners as shown. How many corners does shape Y have?_____

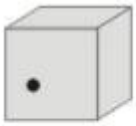


Ans: 9

Q6:The last page of a book is shown here. How many pages does this book have?_____

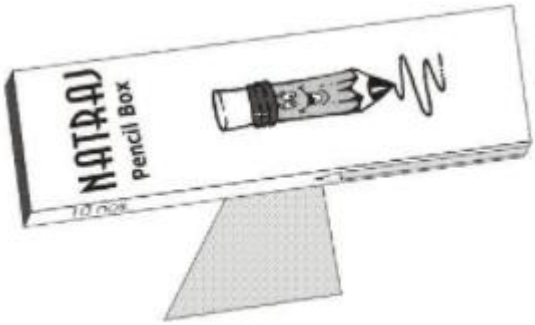
Ans: Two hundred and six

Q7:Hamid had a block of wood with a dot on one of its faces. He put a dot on each of the other faces of this block. How many dots did he put?



Ans: 5

Q8:When Nidhi covers part of a shape with her pencil box, this is what it looks like. What shape could it be?_____



Ans: triangle

Q9:7 tens + 6 ones and 7 hundreds + 6 ones will be equal to_____

Ans: 782

Q10: Which of the following is true?_____

Ans: 2 + 700 + 50 = 752