NCERT book Page No: 2
Question: 1
Which floor pattern do you like the most?
Answer: Pattern 5 looks familiar, so I like pattern 5.

Question: 2
Have you seen such patterns anywhere?
Answer: Yes, I have seen this type of pattern in mosques.

NCERT book Page No: 3
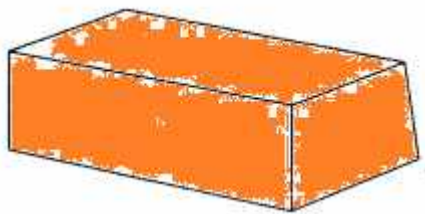**Question: 3**
Which pattern is made in a circle?
Answer: Pattern J is made in a circle

NCERT book Page No: 4
Question: 4
How to draw a brick?
Answer: Drawing a brick is shown below

Question: 5
How many faces in all does a brick have?
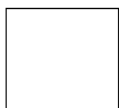**Answer:** There are six faces in a brick.

Question: 6
Is any face of a brick a square?
Answer: No, a face of a brick has no square face.
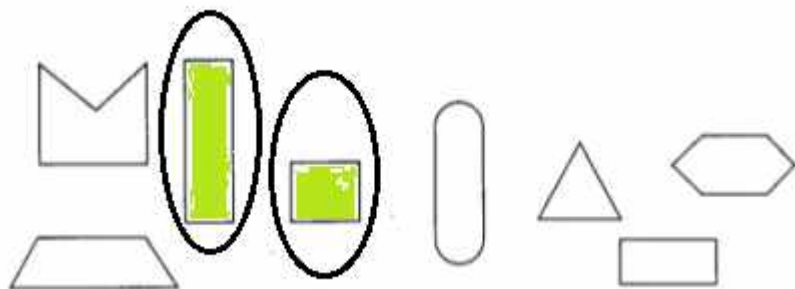
Question: 7
Draw the smallest face of the brick.
Answer: The smallest face of the brick is being drawn below
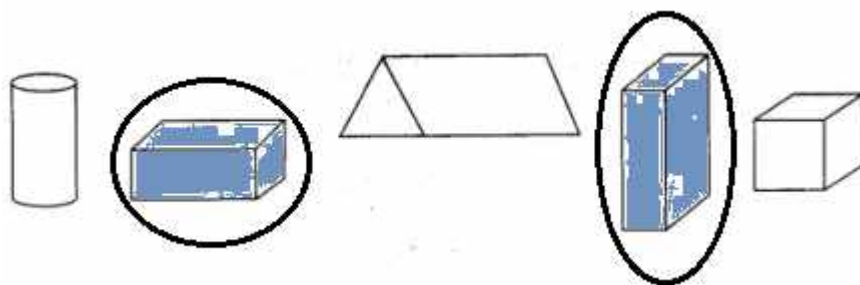
Question: 8
Which of these are the faces of a brick? Mark a (Right)
Answer:

Question: 9
Which of these is a drawing of a brick? Mark a (Right)

Question: 10
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

Question: 11
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.

NCERT book Page No: 5
Question: 12
What do you think? Which wall will be stronger?
Answer: The wall made by Zainab will be stronger than Muniya

NCERT book Page No: 6
Looking through a Brick 'jaali'
The masons who built Jagriti School had also made different 'jaali' patterns on the walls.

Question: 13
How many different 'jaali' patterns can you see in these two photos?
Answer: There are five jaali patterns in the given two photos

NCERT book Page No: 9
Question: 14
Have you seen arches in a bridge?
Answer: Yes, have seen arches in a bridge

Question: 15
Where else have you seen an arch?
Answer: I saw arches in old bridges. In Jaunpur, one of such bridges is situated on the river Saryu.

Question: 16
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 given in photograph. Yes, I have seen thin bricks. These thin bricks are used in Red Fort situated in Delhi.

NCERT book Page No: 10

Question: 17
Which of these bricks have curved edges?
Answer: The bricks 1 and 2 from top left have curved edges in the given figure

Question: 18
How many faces do you see of the longest brick?
Answer: Only one face of the longest brick can be seen in the given figure

Question: 19
Is there any brick which has more than six faces?
Answer: No, there is no bricks with more than six faces in the given figure.

Question: 20
Have you seen bricks of different sizes?
Take one brick and measure it.
(a) How long is it?
Answer: It is 10 inches in length
(b) How wide it is?
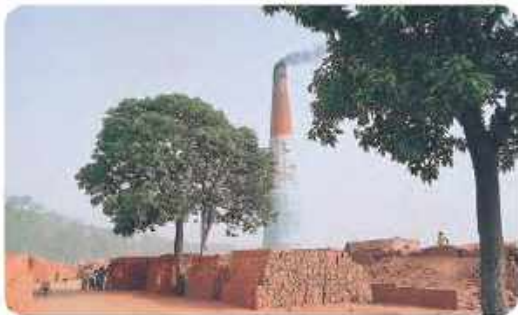**Answer:** It is 4 and half inches wide
(c) How high is it?

Answer: It is 3 inches in height

Question: 21
Muniya wants to make a wall 1 metre long. How many bricks will she need to put in a line?
Answer: She needs 4 bricks to make a wall 1 metre long

Question: 22

Can you guess how high is the chimney here? Is it:
(a) about 5 metres?
(b) about 15 metres?
(c) about 50 metres?
Answer: The chimney is about 50 metres high in the given figure

NCERT book Page No: 11
Question: 23
Here are four pictures from the brick kiln. These pictures are jumbled up. Look at them carefully. Write the correct order

A

B

D

C

Answer: The correct order of the given figure is C, D, B and A i.e

C

D

B

NCERT book Page No: 12
Question: 24
Have you seen a brick kiln? Did you try to guess the number of bricks kept there?
Answer: Yes, I saw a brick kiln. There may be more than one lakh bricks kept in brick kiln.

Question: 25
Can you write the number one lakh?
Answer: One lakh is written as 100000

Question: 26
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.

Answer: According to truck driver, he can carry 4000 bricks in a truck.

Bhajan went to buy bricks. The price was given for one thousand bricks. The prices were also different for different types of bricks.
Old bricks   - Rs 1200 for one thousand bricks
New bricks from Intapur   - Rs 1800 for one thousand bricks
New bricks from Brickabad   - Rs 1200 for one thousand bricks
Question: 27
Bhajan decided to buy the new bricks from Brickabad. He bought three thousand bricks. How much did he pay?
Answer: Bhajan has to pay Rs 6000 for three thousand bricks

Question: 28
Guess what he will pay if he buys 500 old bricks
Answer: Bhajan pays Rs 600, if he buys 500 old bricks