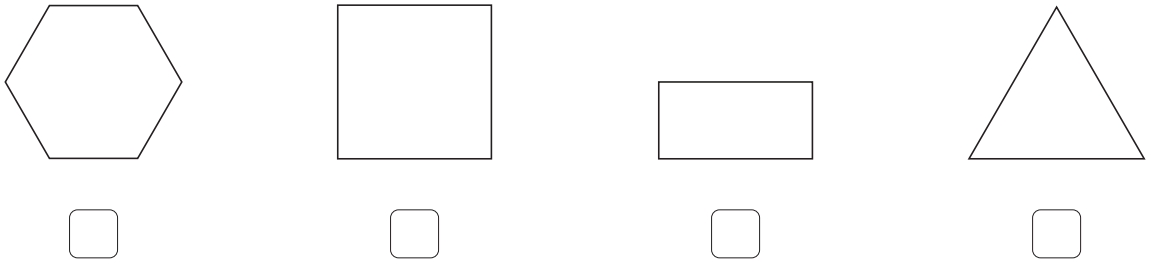
NAME : SECTION : ROLL No.

Face and Shape of a Brick

(a) Which of these is the face of a brick ? Tick (✓) on correct one.

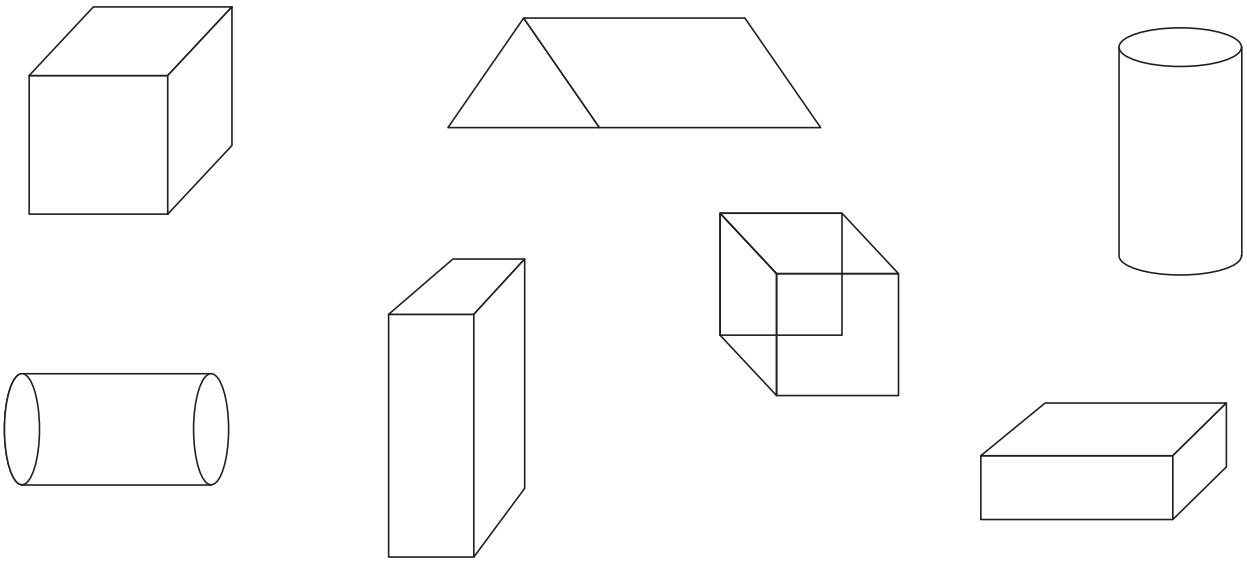
1



2

3

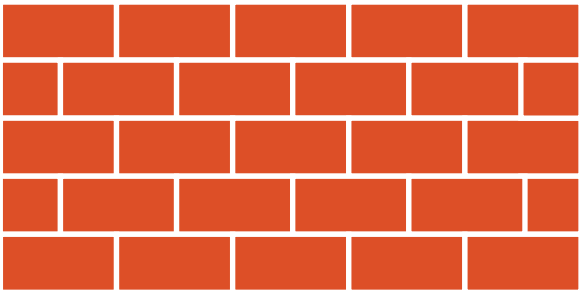
(b) Choose the correct drawing of a brick and fill with red colour.

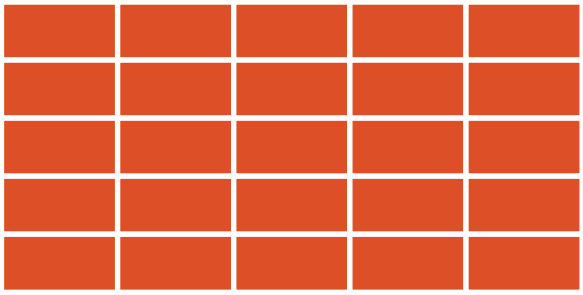


NAME : SECTION : ROLL No.

Brick Patterns

1 Ram and Shyam discussed about the strength of two different types of bricks wall which is made by a builder. Which wall is strong tick (✓) on correct one.

(a) 

(b) 

According to you, which wall is the strongest wall and why?

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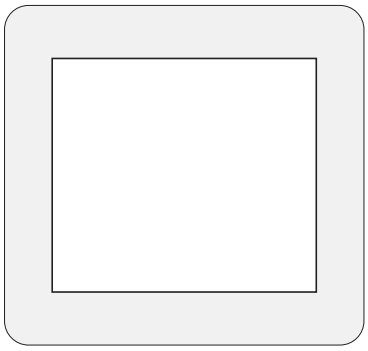
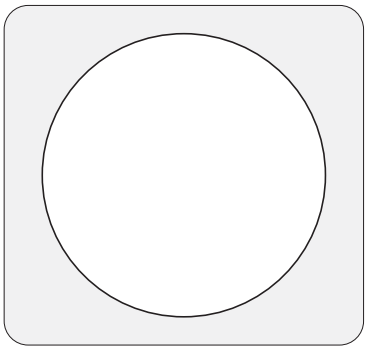
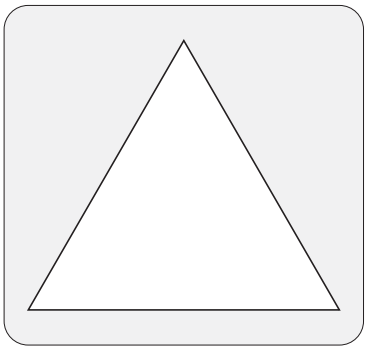
2 Make beautiful brick patterns in the following shapes :

(a) Rectangular shape (b) Circular shape (c) Triangle shape

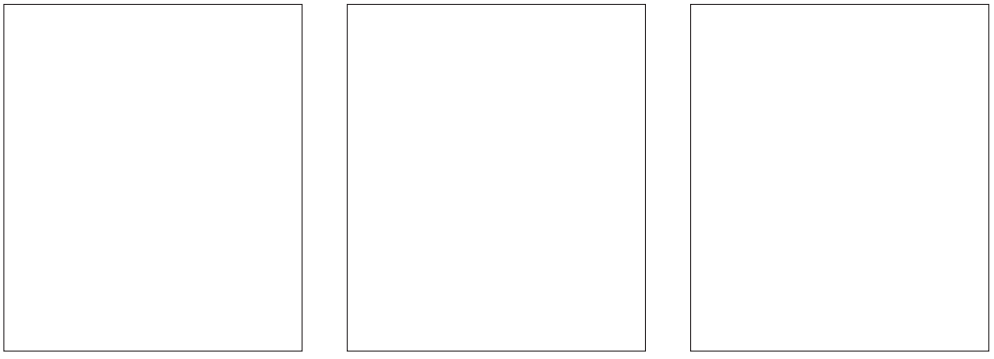


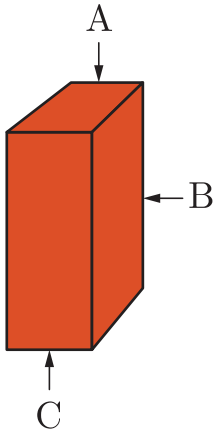




3 According to the figure shown below. Draw the shape of the brick in the boxes, if we look it from face A, B and C.

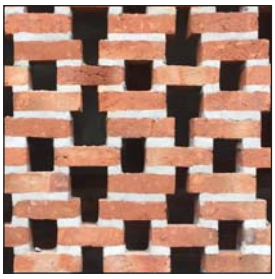
A **B** **C**





NAME : SECTION : ROLL No.

1 Classify the following brick patterns as 'Jaali' or 'Jharokha' type.

(a) 

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(b)

.....

(c)

.....

(d)

.....

(e)

.....

(f)

.....

2 Draw the line of mirror halves of the following brick patterns.

(a)

(b)

(c)

(d)

3 Which of the following brick patterns is made in a circle ? Tick (✓) the correct one.

(a)

(b)

(c)

NAME : SECTION : ROLL No.

1 Sonu went to buy bricks. Given below the price for one thousand bricks. In the market the prices were also different for different bricks.

Types of Bricks	**Prices**
Old bricks	- ₹ 1000 for one thousand bricks
New bricks from Sitapur	- ₹ 1600 for one thousand bricks
New bricks from Raipur	- ₹ 2200 for one thousand bricks

(a) What amount will he pay, if he buys 600 old bricks ?

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(b) Sonu bought four thousand new bricks from Sitapur. How much did he pay ?

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(c) What is the difference between (per thousand) cost of new bricks from Raipur and old bricks ?

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(d) Find the total cost of one thousand old bricks and new bricks from Sitapur and Raipur each.

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(e) If he bought 500 new bricks from Sitapur and 500 new bricks from Raipur, how much amount did he pay altogether ?

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2 Match the following.

Cost of bricks (per thousand)	**Cost of 1 brick**
(a) ₹ 8,000	(i) ₹ 6
(b) ₹ 12,000	(ii) ₹ 4
(c) ₹ 6,000	(iii) ₹ 5
(d) ₹ 20,000	(iv) ₹ 10
(e) ₹ 9,000	(v) ₹ 15

NAME : SECTION : ROLL No.

1 Application based questions :

(a) A pillar is made using 3000 bricks. If the height of each brick is 10 cm, then find the height of the pillar (in cm).

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(b) If the height of a chimney is 60 m and the height of 100 bricks is 3 m, then find the number of bricks used.

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(c) If the cost of type I bricks is ₹ 10000 and the cost of type II bricks is ₹ 5000, then find the total cost of both the types of bricks.

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(d) If the cost of each brick of type I and type II is ₹ 4 and ₹ 5 respectively, then find the total cost of 1000 bricks of each type.

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(e) If the cost of 1000 bricks is ₹ 4000, the nfind the cost of 1800 bricks.

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2 Fill in the blanks :

(a) A pencil box has ..... number of faces.

(b) A brick has .....number of edges.

(c) A dice has ..... number of edges.faces.

(d) A triangular brick has ..... number of edges.

(e) A rectangle has ..... number of

(f) A triangle has ..... number of faces.

(g) A rectangular box has ..... number of faces.

(h) A duster has ..... number of faces.