



Date: 26th May, 2020 Sainik Coaching

Maths H.W

Read the concept & content (area & perimeter). Also understand and solve these Q 12 to Q15. Also Q 1 of Exercise.

Solution:
Length of room = $8\frac{1}{2}$ m. = $\frac{17}{2}$ m.

Breadth of room = 5 m.

Area of room = $\frac{17}{2} \times 5 = \frac{85}{2}$ sq. m.

Length of brick = 20 cm. = $\frac{20}{100}$ m. = $\frac{1}{5}$ m.

Breadth of brick = 10 cm. = $\frac{10}{100}$ m. = $\frac{1}{10}$ m.

Area of a brick = $\frac{1}{5} \times \frac{1}{10} = \frac{1}{50}$ sq. m.

Hence, number of bricks reqd. = $\frac{85}{2} \div \frac{1}{50}$
 $= \frac{85}{2} \times \frac{50}{1} = 2125$ Ans.

12. Find the volume of a cuboid 5 cm. long, 4 cm. wide and 3 cm. high.

Solution:

Volume of the cuboid = $l \times b \times h$
 $= 5 \times 4 \times 3$
 $= 60$ cubic cm. Ans.

13. How much distance does a boy cover in walking round 5 times around a rectangular field 80 m long and 50 m. wide?

Solution:

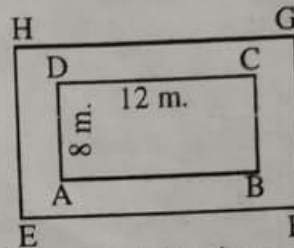
Walking around once around a rectangular field = Perimeter of the field
Perimeter of the rectangular field

$= 2$ (Length + Breadth)
 $= 2$ (80 + 50) = 260 m.
Total distance covered in walking round 5 times around the field = $5 \times 260 = 1300$ m.

Ans.

14. A rectangular hall 12 meters long 8 metres broad is surrounded by a verandah 2 metres wide. Find the area of the verandah.

Solution:



Area of the verandah = Area of EFGH - Area of ABCD.

$= 16 \times 12 - 12 \times 8$
 $= 192 - 96$
 $= 96$ sq. metres. Ans.

15. How many bricks 10 cm. long 7 cm. wide are needed to pave a rectangular floor 14 m. long and 12.5 m. wide?

Solution:

Area of the floor = 14×12.5 sq. m.
 $= 14 \times 12.5 \times 100 \times 100$ cm²
 $= 17,50,000$ cm²

Area of one brick = 10×7 cm² = 70 cm²

Number of bricks needed = $\frac{1750000}{70}$
 $= 25000$ Ans.

EXERCISE

1. A garden is 300 metres long and 200 metres broad. How much distance does Deepak cover in walking 5 times around the garden.

Subject: Hindi

विलोम शब्द

281. विरह - मिलन
282. विशालकाय - लघुकाय
283. विश्वास - संदेह
284. शासक - शासित
285. शुचि - अशुचि
286. शोषण - पोषण
287. समास - व्यास
288. सम्पद - विपद
289. स्थावर - जंगम
290. स्वकीया - परकीय
291. सांगत - असंगत
292. संत - असंत
293. संश्लिष्ट - विश्लिष्ट
294. वृष्टि - अनाविष्टि
295. विवाद - निर्णय
296. विशिष्ट - साधारण
297. विस्तार - संक्षेप
298. श्वेत - श्याम
299. सदाशय - दुराशय
300. सपूत - कपूत
301. समाज - व्यक्ति
302. ससीम - असीम
303. संकीर्ण - उदार
304. सूक्ष्म - स्थूल
305. क्षम - अक्षम
306. क्षर - अक्षर
307. सुगम - दुर्गम
308. सुभग - दुर्भग
309. क्षुद्र - महान
310. श्रव्य - दृश्य
311. लघु - गुरु
312. लौकिक - अलौकिक
313. लिप्त - अलिप्त
314. लुप्त - व्यक्त
315. वसंत - पतझड़
316. वाद - प्रतिवाद
317. वास्तविक - अवास्तविक
318. विकास - पतन
319. विवादास्पद - निर्विवाद
320. विनय - अविनय



Subject: English

To read and learn this concept from any book.

The Past Tense

Past tense denotes an action that took place before the present. We make use of the following tense forms to talk about events regarding the past:

1. The simple past—*I spoke.*
2. The past continuous—*I was speaking.*
3. The past perfect—*I had spoken.*
4. The past perfect continuous—*I had been speaking.*



1. SIMPLE PAST TENSE or PAST INDEFINITE TENSE

The simple past tense is used to indicate an action completed in the past.

Sentence Type	Sentence Structure	Examples
Affirmative (Yes-statement)	S + V ² + Obj.	The juniors <i>arranged</i> a farewell party for the senior students.
Negative (No-statement)	S + didn't + V ¹ + Obj.	The juniors didn't <i>arrange</i> a farewell party for the senior students.
Interrogative (Yes/No question)	Did + S + V ¹ + Obj. + ?	<i>Did</i> the juniors <i>arrange</i> a farewell party for the senior students?
Interrogative (Wh-question)	Wh-word + did + S + V ¹ + Obj. + ?	<i>Whom did</i> the juniors <i>arrange</i> a farewell party for? Or <i>What did</i> the juniors <i>arrange</i> ?
Interrogative negative (negative question)	Didn't + S + V ¹ + Obj. + ? Or Did + S + not + V ¹ + Obj. + ?	<i>Didn't</i> the juniors <i>arrange</i> a farewell party for the senior students? Or <i>Did</i> the juniors <i>not arrange</i> a farewell party for the senior students?