



Bal Bharati Public School, Pitampura

CLASS IX

Mathematics

Revision Assignment

WEEK -2

Q1. Rationalise the denominator

(I) $\frac{2\sqrt{5}+1}{2\sqrt{5}-1}$

(II) $\frac{\sqrt{20}+\sqrt{8}}{\sqrt{5}-\sqrt{2}}$

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Q2. Which of the following is an irrational number

- a) $-\sqrt{25}$ b) $\sqrt{100}$ c) $\sqrt{8}$ d) $\sqrt{0.64}$

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Q3. What is the measure of an angle whose measure is 32° less than its supplement?

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Q4. A triangular park has sides 120 m, 80 m and 50 m. A gardener has to put a fence all around it and also plant grass inside. How much area does he need to plant? Find the cost of fencing it with wire at the rate of Rs. 20 per metre, leaving a space of 3 m wide for a gate on one side .

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ENGLISH WORKSHEET

I. In the following passage one word has been omitted in each line against which a blank is given. Write the missing word along with the word that comes before and after it.

	Word before missing word	word after
The dry conditions deserts	_____	_____
occur due the lack of rain	_____	_____
and snow, is usually	_____	_____
less 25cm (9.8 inches) in a	_____	_____
year. The driest desert Earth	_____	_____
is the Atacama, Chile, in	_____	_____
many parts there not	_____	_____
been rainfall in living memory.	_____	_____

II. In the following passage one word has been omitted in each line against which a blank is given. Write the missing word along with the word that comes before and after it.

	Word before missing word	word
after		
Different dinosaurs reacted different	_____	_____
ways they came across predators.	_____	_____
Iguanodon would blend its surroundings	_____	_____
-its skin pattern colour camouflaging.	_____	_____
it. Gallimimum used its speed escape	_____	_____
predators such Tyrannosaurus ex ,	_____	_____
reaching speeds 56 kph(33 mph)	_____	_____
Others relied sturdy body armour.	_____	_____

III. In the following passage one word has been omitted in each line against which a blank is given. Write the missing word along with the word that comes before and after it.

	Word before	Missing word	Word after
The disposal dry leaves and	_____	_____	_____
plant litter is not easy task.	_____	_____	_____
The major problem is dry	_____	_____	_____
leaves cover a large area can	_____	_____	_____
catch fire. Dry leaves often	_____	_____	_____
burnt clean space. However,	_____	_____	_____
this results the production	_____	_____	_____
of a large number toxic gases.	_____	_____	_____

IV. Complete the following passage by choosing the most appropriate options from the ones given below. Write your answers in the answer sheets against the correct blank number.

It is (a)_____ that he is the only eyewitness to the case. According to the police, he died (b)_____ an expedition to Pakistan at the head of a large military force due to treachery. There are a couple of other stories too (c)_____ are of the same time and type.

(a) (i) believed (ii)belief (iii) believe (iv) believes

(b) (i) on (ii) in (iii) for (iv)as

(c) (i)who (ii)which (iii)that (iv)whom