

1077 RAVIRAVI SANGAM SCHOOL

Weekly Home Study Package

SOLUTIONS WORKSHEET 3

MATHEMATICS

1. Find the area of the shape description given below.

- a. A parallelogram with the base of 10cm and a vertical height of 7cm.
- b. A kite with the product of diagonals of 36cm^2 .
- c. A rectangle with the length of 10cm and a width of 8cm.

a. $A = b \times h$ $= 10\text{cm} \times 7\text{cm}$ $= 70\text{cm}^2$	b. $A = \frac{p \times q}{2}$ $= \frac{36\text{cm}^2}{2}$ $= 18\text{cm}^2$	c. $A = l \times w$ $= 10\text{cm} \times 8\text{cm}$ $= 80\text{cm}^2$
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2. The measurement of a football ground is 200m long and 100m wide.

- a. What is the perimeter of the ground?
- b. Find the area of the ground.

a. $P = (l + w) \times 2$ $= (200\text{m} + 100\text{m}) \times 2$ $= 300\text{m} \times 2$ $= 600\text{m}$	b. $A = l \times w$ $= 200\text{m} \times 100\text{m}$ $= 20000\text{m}^2$
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SOLUTIONS WORKSHEET 3
ENGLISH

Complete the sentences by writing the correct prefix in the blank space. You can use a dictionary to help you.

dis- -in mis- re- un- under- il-

1. Just can't believe it! The story is _____believable! **(unbelievable)**
2. No, that answer is _____correct. It is wrong. **(incorrect)**
3. Let's look at this information again. We should _____view it before the test. **(review)**
4. I saw Allison just a moment ago, but now I can't find her! It seems that she _____appeared!
(reappeared)
5. Oh, I'm sorry, I didn't hear you correctly. I _____understood you. **(misunderstood)**
6. The subway does not go over the land like a normal train. It moves _____ground. **(underground)**
7. Jone is upset because he is _____happy. **(unhappy)**
8. Sera is quite _____satisfied with her results. **(dissatisfied)**
9. Ali is an educated child but his writing is sometimes _____legible. **(illegible)**

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HINDI

ACTIVITIES/EXERCISES

नीचे दिए गए वाक्यों में से संज्ञा शब्दों को चुनकर अपनी उत्तर पुस्तिका में लिखिए।

- | | | | |
|---|--------------------------------|---|---------------------------|
| 1 | वह घर मेरा है। | 2 | सुमन की माँ बिमार है। |
| 3 | मोहन तेज़ दौड़ता है। | 4 | फ़ीजी की राजधानी सुवा है। |
| 5 | पिताजी खेत में काम कर रहे हैं। | 6 | बिमला कपड़े धो रही है। |

SOLUTION

संज्ञा शब्द

- | | |
|----------------|------------------------|
| 1. घर | 2. सुमन, माँ |
| 3. मोहन | 4. फ़ीजी, राजधानी सुवा |
| 5. पिताजी, खेत | 6. बिमला, कपड़े |

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Weekly Home Study Package
SOLUTIONS WORKSHEET 3
SUBJECT: Basic Science

SOLUTION

1. Explain why electrical energy is important?

1. Importance of electrical energy (Any 3 from the answers below)

Electricity powers computers, televisions, telephones, lights, refrigerators, heaters, air conditioning, healthcare-related devices, video games, rechargeable toys, stereos, alarm systems, garage doors, ovens, stovetops, dishwashers, clothes washers, routers, can openers, DVD players, DVRs, and countless rechargeable devices like phones and electronic tablets.

2. Why is solar energy so beneficial for people?

Benefits of solar energy.

(i) Drying clothes

(ii) Cooking- (Solar rice- cookers)

(iii) Use for lighting (Solar power lights)

Solar water heaters/Solar calculators/ power machines. (Many manswers)

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SOLUTIONS WORKSHEET 3
SUBJECT: Healthy Living

1. Complete the table.

Place	Unsafe environment(hazards)	How to keep yourself safe?
Home	1. Exposed roots of trees	1. Remove root. 2. Cover roots with soil. 3. Stay away
	2. Damaged louvre blades (Many others)	1. Replace
School	1. Exposed drains	1. Stay away. 2. Put a covering./ Put notices
	2. Cliff/ Incinerator/ Slippery floor etc	1. Answers relate to unsafe environment
Parks	1. Exposed roots/ slippery areas etc	1. Answers relate to unsafe environment
	2. Crowded play area/ drains/ etc	1. Answers relate to unsafe environment
Farms	1. Farming equipments area	1. Stay away/ Get adult help/
Bus Stand	1. Damaged seats/crowded area/ wet areas	1. Answers relate to unsafe environment

Mention two actions you will take if you face an emergency situation at home.

2. (i) **Call for help. Protect yourself from injury or harm.**

(ii) Do not panic. / Assist young ones if you can. etc.

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SOLUTIONS WORKSHEET 3
SUBJECT: Social Science

ANSWERS

1. Name some countries that are in the Arctic Circle.

Norway, Sweden, Finland, Russia, the United States (Alaska), Canada (Yukon, Northwest Territories, and Nunavut), Denmark (Greenland), and Iceland

2. How are they able to withstand the cold during winter? (-50 degrees Celsius)

Build houses with really thickly insulated walls, floor, windows and ceilings. Massive insulated doors that form a seal around them when closed to prevent the wind, snow and cold air getting in./ Wear warm clothes. etc

3. What type of food do they eat?

Traditional Inuit foods include arctic char, seal, polar bear and caribou — often consumed raw, frozen or dried.