

**2036 PENANG SANGAM PRIMARY SCHOOL**  
**YEAR 7**  
**ENGLISH**  
**WORKSHEET 20 - SOLUTIONS**

**Activity**

**Circle the letter of the best answer.**

1. According to the passage, who smiles when it rains?

A. Vendors and shopkeepers.

B. Farmers and vendors.

C. Shopkeepers and children.

D. Students and teachers.

2. Why do farmers smile when it rains?

A. Rain brings sunshine.

B. Rain damages the vegetables.

C. Rain helps vegetables grow well.

D. Rain bring flood.

3. Vendors are those who \_\_\_\_\_.

A. plant crops

B. catch fish

C. supply food to the market

D. sell at the market

4. How does rainfall help farmers?

A. Water tanks are full.

B. Gardens are dug.

C. Rain washes away the crops.

D. Crops are watered.

### Activity - Solutions

1. I don't need to finish this today, **do** I?
2. James is working on that, **isn't** he?
3. Your parents have retired, **haven't** they?
4. The phone didn't ring, **did** it?
5. It was raining that day, **wasn't** it?
6. Your mum hadn't met him before, **had** she?
7. They could hear me, **couldn't** they?
8. She reads books, **doesn't** she?

## Activity – Solutions

**Underline the correct form of adjective.**

1. My new blanket is (softer, softest) than my old one.
2. Kim is the (older, oldest) of my three sisters.
3. Sirius is the (brighter, brightest) star in the southern sky.
4. Miriama's memory is (worse, worst) than mine, but Ben's is the (worse, worst) one of all.
5. The (most unusual, more unusual) costume was awarded the prize.
6. David's interest in conservation is (more strong, stronger) than most people.
7. The (more beautiful, most beautiful) time of day at the lake is in the morning.
8. Kings Road is (longer, more long) than Queens Road.
9. Jane has little interest in ballet, but Rita is even (less interested, least interested) than Jane.
10. I think that my roses are the (prettiest, more pretty) flowers in my garden.

## Activity – Solutions

Write the correct form of article in the sentences given below.

1. He is an actor.
2. They were playing with an iron ball.
3. I was born in the west.
4. She didn't get an invitation.
5. I need a kilogram of salt.
6. I saw an eagle at the zoo.
7. The movie is perfect.
8. Grandmother was telling me an interesting story.
9. I saw a car accident.
10. We are living in an apartment.

2036 Penang Sangam Primary School  
Year 7  
Mathematics  
Worksheet 20 - Solution

Strand	Measurement
Sub Strand	Money
Content Learning Outcome	Calculate interest rates for lending institutions. Calculate profit and loss.

**Interest**

**Activity**

1. Mrs Spears deposited \$2000.00 at a rate of 10% for 2 years. How much interest will she earn at the end of the 2 years?

$$\begin{aligned} I &= \frac{P \times R \times T}{100} \\ &= \frac{\$2000 \times 10 \times 2}{100} \quad (\text{Cross out zero's when possible}) \\ &= \$20 \times 10 \times 2 \quad (\text{Multiply the remaining numbers}) \\ &= \underline{\underline{\$400.00}} \end{aligned}$$

2. Mr Waqa borrowed \$1500.00 at a rate of 20% for 1 year from a local bank. How much interest will he pay at the end of 1 year?

$$\begin{aligned} I &= \frac{P \times R \times T}{100} \\ &= \frac{\$1500 \times 20 \times 1}{100} \quad (\text{Cross out zero's when possible}) \\ &= \$15 \times 20 \times 1 \quad (\text{Multiply the remaining numbers}) \\ &= \underline{\underline{\$300.00}} \end{aligned}$$

**Profit and Loss**

**Activity**

1. How much profit will Simpson make if he buys a video game at \$550.00 and sells it for \$700.00?

$$\begin{aligned} \text{Profit} &= \text{SP} - \text{CP} \\ &= \$700.00 - \$550.00 \\ &= \underline{\underline{\$150.00}} \end{aligned}$$

2036 Penang Sangam Primary School  
Year 7  
Mathematics  
Worksheet 20 - Solution

2. Mr Seru bought a carton of tuna at \$72.00. He then sold it for \$96.00. How much profit did Mr Seru make?

$$\begin{aligned}\text{Profit} &= \text{SP} - \text{CP} \\ &= \$96.00 - \$72.00 \\ &= \underline{\underline{\$24.00}}\end{aligned}$$

3. Jenny bought a car at \$8000.00 and sold it for \$5800.00. What was her loss?

$$\begin{aligned}\text{Loss} &= \text{CP} - \text{SP} \\ &= \$8000.00 - \$5800.00 \\ &= \underline{\underline{\$2200.00}}\end{aligned}$$

**2036 PENANG SANGAM PRIMARY SCHOOL  
YEAR 7  
HEALTHY LIVING  
WORKSHEET 20 - SOLUTIONS**

**Activity**

**Answer the following questions.**

1. What is the importance of having a balanced meal?

**Balanced meal provides body with all nutrients needed for the body to function well and for survival.**

2. **Kwashiorkor** is a malnutrition caused by lack of protein in diet.
3. **Marasmus** is a malnutrition caused by lack of energy and is only caused in children.
4. Define obesity.

**Excessive amount of fat in the body.**

## Activity – Solutions

Answer the following questions.

1. Write down two main functions of preservatives in food.

- **To prevent food spoilage.**
- **To increase shelf life of food.**

2. List down three natural food preservatives.

- **Salt**
- **Sugar**
- **Vinegar**
- **Alcohol**
- **Oil**

3. What is the purpose of food additives?

- **Preserve food.**
- **Improve the taste of food.**
- **Make food look more attractive.**
- **Enrich food with certain nutrients.**



## Activity - Solutions

Answer the following questions.

1. What is genetically modified food?

**Genetically modified food is where genes in plants have been changed or enhanced to produce better foods.**

2. Give examples of genetically modified food in Fiji.

- **Tomatoes**
- **Pawpaw**
- **Apple**
- **Chillies**
- **Potatoes**
- **Corns**

3. List down two advantages of genetically modified food.

- **Create bigger crops.**
- **Crops higher in vitamins.**
- **Insect resistance.**
- **Larger production.**
- **Increased flavour and nutrition.**
- **Decrease in food prices.**

4. List down two disadvantages of genetically modified food.

- **Allergic reactions.**
- **Cross contamination.**
- **Reduces nutritional value.**
- **Causes cancer.**

## Activity – Solutions

Answer the following questions.

1. What is immunization?

**Immunization is a process whereby a person is made immune or resistant to an infectious disease, by the administration of a vaccine.**

2. State three types of immunization given to children.

- **Measles/Rubella vaccine (babies and children)**
- **HPV (Hepatitis B) vaccine introduced to class 8 girls**
- **TT4 (Year 1) Tetanus toxoid vaccine**
- **MR2 (Year 1) Measles-rubella vaccine**
- **Polio (at birth)**
- **Whooping cough (first 6 months)**
- **Tetanus (first 6 months)**
- **TB (birth, primary and secondary)**

3. What are some advantages of immunization?

- **protects yourself and your family – triggers the immune system to fight against certain diseases.**
- **safe prevention tool.**
- **can save your family time and money.**

Strand	हिंदी व्याकरण
Sub Strand	उपन्यास (कृष्ण सुदामा की दोस्ती)
Content Learning Outcome	बोधन को पढ़ो और अभ्यास कार्य पूरा करो ।

### सुदामा की वापसी

#### अभ्यास

नीचे दिए गए प्रश्नों का जवाब पूरे वाक्य में लिखो।

- श्री कृष्ण ने सुदामा को गाँव भेजने का कैसा प्रबन्ध किया था ?  
श्री कृष्ण ने सुदामा को गाँव भेजने के लिए रथ का प्रबन्ध किया था ।
- सुदामा अपने घर जाते समय क्यों खुश नहीं था ?  
सुदामा अपने घर जाते समय खुश नहीं था क्योंकि वह अपने परिवार के बारे में सोच कर परेशान था ।
- घर पहुँचने से पहले सुदामा क्यों रथ से उतर कर पैदल चलने लगा था ?  
घर पहुँचने से पहले सुदामा रथ से उतर कर पैदल चलने लगा था क्योंकि वह नहीं चाहता था कि उसके परिवार वाले उसे शानदार रथ पर बैठा देखे ।
- घर के नज़दीक पहुँचते ही सुदामा को क्यों अजीब सा लगा ?  
घर के नज़दीक पहुँचते ही सुदामा को अजीब सा लगा क्योंकि उसके घर के स्थान पर एक विशाल महल बन गया था ।
- सुदामा क्यों हैरान हो गया था ?  
सुदामा हैरान हो गया था क्योंकि उस आदमी ने उसे बताया कि यह सुदामा का ही महल है ।

**सुदामा का फल**

**अभ्यास**

नीचे दिए गए प्रश्नों का जवाब पूरे वाक्य में लिखो।

१. अपनी बीवी-बच्चे के बारे में कौन जानना चाहता था ?  
सुदामा अपनी बीवी-बच्चे के बारे में जानना चाहता था ।
२. सुशीला ने कैसे कपड़े और गहने पहन रखे थे ?  
सुशीला ने कीमती कपड़े और सुन्दर गहने पहन रखे थे ।
३. सुदामा क्यों सुशीला को पहचान नहीं पाया ?  
सुदामा सुशीला को पहचान नहीं पाया क्योंकि वह बदली हुई लग रही थी ।
४. किसने सुदामा के परिवार को सहायता दिया था ?  
श्री कृष्ण ने सुदामा के परिवार को सहायता दिया था ।
५. सुदामा क्यों खुश था ?  
सुदामा खुश था क्योंकि सुशीला की इच्छा पूरी हो गई थी ।

**2036 Penang Sangam Primary School**  
**Year 7**  
**Social Science**  
**Worksheet 20**  
**Solution**

Strand	Place and Environment
Sub Strand	People and care of Places
Content Learning Outcome	Analyze pollution problems in the Pacific, discuss their effects and ways of alleviating the problem

**Activity**

Answer the following questions.

1. Define the term pollution.

**Pollution happens when the environment is contaminated or dirtied by waste, chemicals, and other harmful substances.**

2. There are **four** types of pollution.
3. Write down the causes of water pollution.

**Sewage.**  
**Marine dumping.**  
**Industrial waste.**  
**Oil pollution.**  
**Global warming.**

4. How does land pollution affect the lives of people and animals?

**Damage vegetation and wildlife.**  
**Affects human health.**  
**Kills vegetation.**  
**Poisons birds and animals.**  
**Destroys ecosystem and animals/ birds.**

Strand	Resources and Economic Activities
Sub Strand	Use and Management of Resources
Content Learning Outcome	Investigate the resources of the Pacific and discuss how these resources have helped in development of the countries.

### Activity

Answer the following questions.

1. What are human resources?

**Human resources include the physical and mental work of internal and external staff.**

2. Identify some resources we get directly from the nature.

**Food, wood, plastic, water, gas, electricity and renewable energy.**

3. What will happen if we do not manage the resources well?

**Our resources will be destroyed and reduced in quality and quantity if we do not manage them well.**

4. Identify some resources found in:

- a. New Zealand – **land, agriculture (dairy milk, meat, wool and fruit orchards), timber, wheat, provides minerals like coal, ore, gold and silver.**

- Australia – **energy sources, largest exporters of coal, and manufactured good, produces and export of wheat.**

**2036 Penang Sangam Primary School**

**Year 8**

**Vosa Vakaviti**

**Worksheet 20 Solutions**

**Wasewase A.**

1. b.    2. b.    3. a.    4. c.    5. d.    6. d.    7.c.    8. b.

9. Na maroroi ni noda yau talei na qele.

**Na Vosa Veibasai**

1. Vulavula
2. Vucesa
3. Veikidavaki
4. Siga

**2036 Penang Sangam Primary School**  
**Year 7**  
**Basic Science**  
**Worksheet 20**  
**Solution**

Strand	Energy
Sub Strand	Energy Transformation, Use and Conservation
Content Learning Outcome	Explore the different forms of energy and their uses and discuss conservation of renewable energy sources.

**Activity**

Answer the following questions.

1. How fast does sound travel in water than in air?

**Sound travels four times as fast as in water than in air.**

2. How did American Indians listen for horses in the olden days?

**American Indians used to put their ears to the ground to listen for horses.**

3. Why are sound pulses sent in the water?

**Ships can detect whether something such as submarine is below them in the water.**



Strand	Energy
Sub Strand	Energy Transformation, Use and Conservation
Content Learning Outcome	Explore the different forms of energy and their uses and discuss conservation of renewable energy sources.

### **Activity**

Answer the following questions.

1. What does supersonic mean?

**Supersonic means faster than sound.**

2. Why do girls have higher sound than boys?

**Girls' vocal cords are usually shorter and thinner than most boys which is why their voices sound higher.**

3. What does our voice box contain?

**The voice box contains vocal cords o pieces of muscles which vibrate when air passes over them.**

4. What do you call a supersonic aeroplane?

**Concorde.**

Strand	Energy
Sub Strand	Energy Transformation, Use and Conservation
Content Learning Outcome	Explore the importance of good energy management.

### Activity

Answer the following questions.

1. What does the law of conservation of energy say?

**The law of conservation of energy says that it can neither be created nor destroyed.**

2. How can we save energy at home?

**Turn off electricity when no appliance is in use.**

3. Name the non-renewable energy source that leads to pollution in the environment.

**Coal.**

4. How is greenhouse effect caused?

**A non-renewable energy source, such as coal contributes to global warming by releasing a greenhouse gas into the atmosphere, which traps the sun's heat.**

Strand	Energy
Sub Strand	Forces
Content Learning Outcome	Investigate and demonstrate force, the effect of opposing forces on objects and demonstrate ways of minimizing these forces.

### **Activity**

Answer the following questions.

1. Identify the three types of forces.

**Push, pull and twist**

2. What is the difference between pressure and force?

**Pressure is the effect of forces at work on solids, liquids and gases while force is a pull or push applied to an object.**

3. Why do elephants have wide feet?

**Elephants have wide feet to balance their weight on the ground.**

4. What happens when surface area increases?

**As surface area increases (becomes larger), the pressure decreases and the force is spread out.**