1076 NADI SANGAM SCHOOL

# YEAR 8

WORKSHEET 5 SOLUTIONS

2021

1076 NADI SANGAM SCHOOL
YEAR 8 MATHEMATICS WORKSHEET 5 - SOLUTION-2021

PROBLEM	WORKING	ANSWER
1. Find the **diameter** of a circle if it has a radius of **3.5 cm**?	D=2r D=2 x 3.5 D= 7cm	**7cm** _____ 2.5 mks
2. If a circle has a diameter of **20 cm**, then what would its **radius** be?	r= $^D/_2$ r= $^{20}/_2$ r= 10cm	**10cm** _____ 2.5 mks
3. Find the **circumference** of a circle with radius **3cm**? Use $\pi = 3.14$	C=2πr C= 2 x 3.14 x 3 C= 18.84 cm	**18.84 cm** _____ 2.5 mks
4. What would be the length of **circumference** if a circle has a diameter **8cm**? Use $\pi = 3.14$	C= πD C= 3.14 x 8 C= 25.12 cm	**25.12 cm** _____ 2.5 mks
5. Find the **area** of a circle with the radius of **5cm**? Use $\pi = 3.14$	^{A}Circle $= \pi r^2$ Ac = 3.14 x 5^2 Ac = 3.14 x 5 x 5 Ac = 3.14 x 25 Ac = 78.50 cm^2	**78.50 cm^2** _____ 2.5 mks
6. If a circle has a radius of **7m**, what would its **area** be? Use $\pi = 3.14$	^{A}Circle $= \pi r^2$ Ac = 3.14 x 7^2 Ac = 3.14 x 7 x 7 Ac = 3.14 x 49 Ac = 153.86 m^2	**153.86 m^2** _____ 2.5 mks
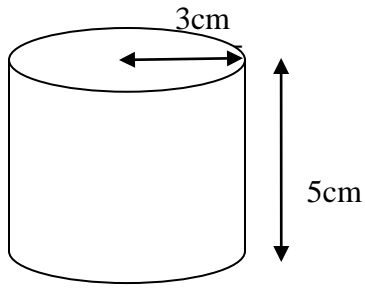
7. 3cm 5cm Find the **volume the cylinder** given above? Use ττ = 3.14	$V = \pi r^2 h$ V = 3.14 x 3^2 x 5 V = 3.14 x 9 x 5 V = 3.14 x 45 V = 141.30 cm^3	 **141.30 cm³** _____ 2.5 mks

8.
 	
            10cm
 	
      5cm
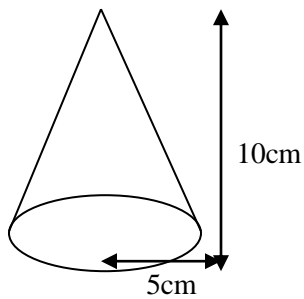 	
 Find the **volume the cone** given above? Use ττ = 3.14
	$V = {}^1\!/_3\ \pi r^2 h$
	
	 V = $^1/_3$ x 3.14 x 5^2 x 10
	
	 V = $^1/_3$ x 3.14 x 25 x 10
	
	 V = $^1/_3$ x 3.14 x 250
	
	 V = $^1/_3$ x 785
	
	 V = 261.67 cm^3 or
	
	     $261^2/_3$ cm^3 or
	
	     261.7 cm^3
		
		 261.67 cm³ or
		
		 261²/₃ cm³ or
		
		 261.7 cm³
		 _____
		 2.5 mks

Rewrite on your English Literature under Poem Section

Read the poem and try to understand

Re-write this poem on Pg. 87 of Leaves Text on your exercise book
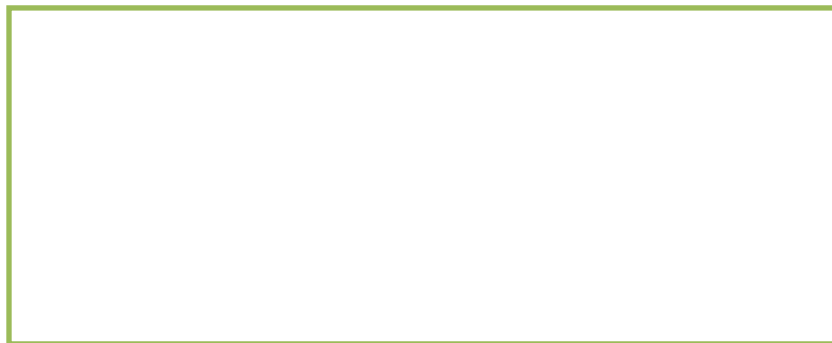
> **Reef Walking**
>
> **I have been out on the reef**
> **searching for cowrie shells**
> **but every rock has been turned**
> **by those who went before me**
>
> **I am tired and disappointed**
> **but I shall keep on trying**
> **in case I find one**
> **looking for a place to hide**
>
> Konai Helu- Thaman

1. **Setting**: In the sea on the reef maybe during low tide – best time where people go out for fishing near the reef .
2. The poet feels sad or unhappy and also frustrated . It says in the poem that every where he was trying to look for the shells , all the rocks had been turned so he was unlucky to get something for the day.
3. Lesson Learnt –
   - Appreciate nature e.g marine resources is a source of food and income
   - Being Patient /Hard work - Despite struggling to find something on the reef , he never gave up , he tried his best to get something for the day

4.

1. Help transport nutrients from the roots to the stem and leaves

2. Through pores in soil and also spaces created by living things that grow in the soil.

3. Immediately wash it with running water

4. It is major component of chlorophyll/amino acids which plants use sunlight energy to produce sugar.

5. Xylem tube

6. Traps sunlight to process food in the leaves of the plant

7. Sunflower, avocado, coconuts etc

8. Once a seed sends out root, these roots will deliver water from the soil to the plant

9. Increases

10. Decreases

11. Kidney, trachea, nose hairs

A

Vola na kedrau I balebale ka vakayagatki rau e na I yatuvosa

1.a)suguta –vakayagataki kina vakalevu na kaukauwa ni yago na ken a sagai me tarovi se rawati e dua na ka

b) kocova –e vakayagataki vakalevu kina na kaukauwa ni vakasama na kena sagi me tauri se rawati e dua na ka

a) yamotu – na cakau dromu ka tok ayadiua ka seg ani dau cere ni di na mati ia e vakaua ga

b) cakau –n atiki ni vanua e wai ka buli e na lase ka dau cere e na di ni mati

a) talia – na kena veicurumaki na wa se voivoi me rawa kina na ibe se I su de I dreke
b) cula- na kena caka e dua na I sulu , laca s evakabati main a ka sa rawa tu

a)sorovi – na cakacaka ni qaravi ni dua e sega ni raici , e nanumi nit u vu ana kaukauwa me walia na leqa.
b) qaravi – cakacakataki ni dua na sasaga

a) taubale- lakova
b) tabale – muri takoso

(क)   उचित क्रियाओं को चुनकर इन वाक्यों को पूरा करो :

१. सोहन ने कई मछलियाँ _____ ।   (मारा, मारे, मारी)

२. पिताजी की पाँच सन्तानें _____ ।   (थीं, थी, थे)

३. सौतेली माँ बच्चों को दु:ख _____ थी ।   (देता, देती, देते)

४. धर्मात्मा लोग गरीबों की सेवा _____ ।   (करते हो, करती है, करता है)

५. आज वर्षा _____ ।   (होगी, होंगे, होगा)

(ख) प्रत्येक शब्द-समुह का एक शब्द लिखो :

(लकड़हारा, किसान, शाकाहारी, गिरजाघर, रसोइया)

१. जो व्यक्ति खेती करता हो ।   किसान

२. जो लकड़ी काटकर बेचता हो ।   लकड़हारा

३. व्यक्ति जो भोजन पकाता हो ।   रसोइया

४. वह स्थान जहाँ इसाई प्रार्थना करते हैं ।   गिरजाघर

५. जो व्यक्ति मास न खाता हो ।   शाकाहारी

(ग) रेखांकित शब्दों को एकवचन (singular) में लिख:

१.   उन कुत्तो को वहाँ से भगाओ ।   कुत्ता

२.   उन लड़कीयों को यहाँ बुलाओ ।   लड़की

३.   क्या ये पुस्तकें तुमने खरीदी है ?   पुस्तक

४.   अच्छे बच्चे कभी भी शोर नही मचाते हैं ।   बच्चा

५.   अध्यापिकाएँ पढ़ाती हैं ।   अध्यापक

(घ) इन शब्दों के पर्यायवाजी (similar) शब्द लिखो :

१.   वस्त्र –   कपड़ा

२.   जल –   पानी

३.   सड़क –   रासता

४.   पवन –   हवा/ वायु

५.   प्रेम –   प्यार

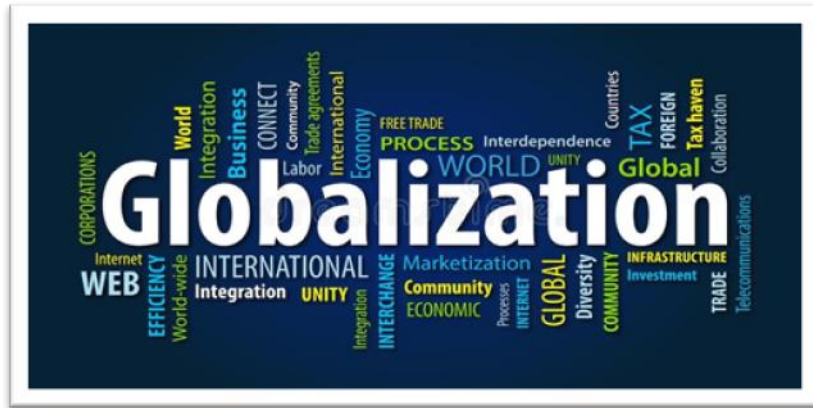(च) इन शब्दों का विलोम (opposite) शब्द लिखो :

१.   मरण   –   जन्म

२.   हँसना –   रोना

३.   अनेक –   एक

४.   अपमान –   मान / सम्मान

५.   असकी –   इसकी

ACTIVITIES

1. Globalisation means the speed of movements and exchanges (human being, goods and services, capital, technologies or cultural practices all over the planet)

   One of the effects of Globalisation is that it promotes and increases interactions between different regions and populations around the globe.

2. *Importance:*

   - You can purchase cheaper goods.
   - Communicate with individuals from all over the world
   - It has opened our eyes to various cultures, which has increased. People understand of one another.
   - It connects people and their business to others across the world.
   - It enables people to move and communicate easily with others all over the world

3. Globalisation has brought about rapid and significant human changes.

   - The movement of people from rural to urban areas has accelerated
   - Family description and social & Domestic violence are increasing.
   - Farming methods and styles has improved.

4. Trading system has really improved and grown. E.g. (online shopping) online banking.