



FOUNDATION WORKSHEET

Class: 7

Week: 3

Subject: English

Date: 17/04/2020

Name: _____

Code: ENG-014/17Apr/20-21

1. Dear students during this time while you are at home, your school is ensuring that your academic work continues and your foundation grows stronger every day.
2. Given is a worksheet which you must complete today.
3. The Answer Key is also given at the end of the exercise. You may ask your parents to check your exercise only after you have completed the worksheet.
4. You can take a printout of the worksheet if possible or you can solve it in any exercise book.
5. You must make one notebook for all the subjects (where you can stick worksheet or you can write).
6. In case of any doubt you can ask your teachers once school will reopen.

Comprehension means “to understand”. Therefore, to be a good and mature reader, it is important to develop and improve one’s ability to comprehend.

Comprehension exercises are intended to test and improve the student’s ability to understand the language. In the examination, a passage is given and you are required to answer the questions based on the passage. You must be able to understand the passage before you go on to answer the questions.

Q. Read the following passage carefully-

Armadillos are western mammals known for their unique armour-like shell and notorious for their digging habits.

Armadillos prefer warm, moist climates, and thrive in forested areas and grasslands. Because they must dig for their food and shelter, they generally gravitate towards areas with loose, porous soil.

These animals use their strong claws to dig several burrows throughout their home range in which to live and seek refuge from extreme weather or predators. An armadillo burrow is about 7-8 inch wide and up to 15 feet deep.

Armadillos are mainly insectivores, with over 90 per cent of their diet consisting of animal matter, like insects and other vertebrates. They’re also known to eat the occasional reptile or amphibian- especially in colder weather. The remainder of their diet consists of plant matter, although it’s been found that most of the vegetation they eat has been consumed incidentally.

In native southern regions, armadillos are nocturnal year-round, keeping cool underground during the day and foraging at night. However, because of the armadillo relatively low body temperature, the nine-banded species in North America tends to change its habits in the cooler months and emerge during the day to take advantage of the warm sun.

Solitary animals, armadillos spend their lives foraging alone and only interact to breed or care for their young. Young armadillos become independent about 6-12 months after they are born.

A. Based on your reading and understanding of the passage given above, answer the following questions-

Q1. What makes armadillos unique?

Q2. What kind of climate do armadillos prefer?

Q3. Why do armadillos gravitate towards loose porous soil?

Q4. What is an armadillo's main diet?

Q5. Why do the armadillos that are found in the North America come out during the day time?

Q6. At what age does an armadillo begin to become independent?

B. Say whether the following are True or False-

1. Armadillos thrive in forested areas and grasslands. _____
2. Armadillos are able to dig several burrows because they have strong claws. _____
3. Armadillos prefer a diet consisting mainly of vegetation. _____
4. There is a difference in habits between the armadillos found in native southern regions and the species found in North America. _____
5. Armadillos prefer to be by themselves. _____

C. Find words or phrases which mean the same as below-

1. Like one thing or person better than another - _____
2. Slightly wet - _____
3. To prosper and flourish or develop very well - _____
4. Having spaces through which liquid or air may pass - _____
5. Cold blooded vertebrate animal such as frogs, toads or newts - _____
6. Occurring or active at night - _____
7. Searching widely for food in order to live - _____
8. To come out and become visible - _____

D. Read the following paragraph aloud. Remember to speak loudly, clearly and confidently. It will help if you first read the paragraph to yourself, and then begin to read it aloud after that. This will benefit you in your verbal communication skills. Enjoy your Read Aloud!

The Grand Canyon



Aerial view of the Grand Canyon



*The Colorado River
formed the
Grand Canyon.*

The Grand Canyon is a large river canyon in Arizona. It is over 220 miles long and over a mile deep in some places. Its widest point is 18 miles wide. The canyon is considered one of the Seven Natural Wonders of the World.

Over millions of years, the Colorado River wore away rocks as it passed through the area. Slowly, the river made the path deeper and deeper. Now, the canyon is surrounded by steep walls on either side, while the river continues to flow at the bottom of the canyon.

Besides its large size, the Grand Canyon is also known for its magnificent colours. The canyon is made of layers of rock, and each layer of formed the rock has a different depth and colour. Geologists have identified almost 40 different layers of rock exposed by the river's erosion.

The climate in canyon area is primarily deserted, with both high and low temperatures. The upper rims of the canyon often receive snowfall. The air quality is usually very high, although dust storms and smoke from fires can change the air.

The Grand Canyon is home to variety of plants and animals. Plants range from various species of cactus to pine forests. Many types of animals live in the area, including the bald eagle, bobcats, bats and gila monsters. Six different kinds of rattlesnakes have been identified in the area

Native Americans have inhabited the area for around 3,000 years. Spanish conquistadors first explored the area in 1540. Later, Spanish priests and explorers returned in 1776. However, they did not stay, as they found the canyon impassable.

Arizona became part of the United States in 1848, and the first geological studies were completed on the Grand Canyon in 1856. Today, the canyon is part of the Grand Canyon National Park. About five million tourists visit the park each year.

E. Activity- You may go on the web to read more about armadillos and share what you discover with your family.

Answer Key

A- Based on your reading and understanding of the passage given above, answer the following questions

1. Armadillos are unique because their armour-like shell and their digging habits.
2. Armadillos prefer warm, moist climates.
3. Armadillos gravitate towards loose porous soil because they must dig for their food and shelter. This makes it easier for them.
4. Armadillos are mainly insectivores and over 90 per cent of their diet consists of animal matter such as insects and other invertebrates. They sometimes also eat the occasional reptile or amphibian. The remainder of their diet consists of plant matter.
5. The armadillos that are found in North America have low body temperature and change their habits during the cooler months and emerge during the day time to take advantage of the warm sun.
6. A young armadillo becomes independent about 6-12 months after it is born.

B. Say whether the following are True or False-

1. True
2. True
3. False
4. True
5. True

C. Find words or phrases which mean the same as below-

1. Prefer
 2. Moist
 3. Thrive
 4. Porous
 5. Amphibians
 6. Nocturnal
 7. Foraging
 8. Emerge
-

Amazon today cancelled the subscription of books and audio stories for children and students of all ages as long as schools are closed. Kids everywhere can instantly stream an incredible collection of stories, including titles across six different languages. All stories are free to stream on your desktop, laptop, phone or tablet using the following-

<https://stories.audible.com/start-listen>

You are advised to visit the site as well as listen to the audio stories. This will continue to enrich your vocabulary, your Read Aloud skills, and diction, pronunciation and communication skills. All the Best.

FOUNDATION WORKSHEET**Class: 7****Week: 3****Subject: Maths****Date: 17/04/2020****Name: _____****Code: Maths-014/17apr/20-21**

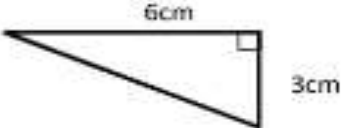
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Maths Worksheet 014

NAME: _____

CLASS: 7 SECTION: _____ (III - Week) DATE: 17/04/2020

1)	Work out 3^3	
2)	If $5x - 1 = 34$ what is the value of x ?	
3)	0.3×40	
4)	Write as a decimal $7 + \frac{12}{100}$	
5)	What is 20% of \$15?	
6)	Find the median of 1.1, 1.0, 1.5, 1.2, 1.9, 0.7 and 1.1.	
7)	Estimate to the nearest 10: 14.16×2.93	
8)	What is the area of this triangle? 	
9)	$300 + 0.4 + \underline{\hspace{1cm}} = 307.46$	
10)	372.6×100	
11)	6 packages each have a mass of 11 pounds. How many pounds less than 5 stone is the total weight?	
12)	Flowers cost 70¢ for 10. How much would I need to pay for 25 flowers?	
13)	I need to mix brown paint using red, blue and yellow in the ratio of 2:1:3. If I need to mix 18 fluid ounces of paint, how much yellow paint will I need?	
14)	What is the value of $\frac{x + 8}{4}$ if $x = 12$	
15)	The Salamanders guessed how far a frog could jump in a minute. Captain guessed 3.2m, Sally guessed 2.7m. Tyger guessed 2.1m. In the end, the frog jumped 245cm. Whose guess was closest?	
16)	Convert $7\frac{2}{5}$ into a decimal.	
17)	The perimeter of a regular hexagon is 42cm. What is the length of each side?	
18)	The time in New York is 16:45 (EDT). What is the time in Brisbane (AEST) which is 14 hours ahead?	

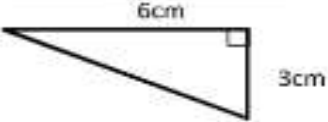


Maths Worksheet 014

NAME: _____

CLASS: 7 SECTION: _____ (III - Week) DATE: 17/04/2020

Answer

1)	Work out 3^3	27
2)	If $5x - 1 = 34$ what is the value of x ?	$x = 7$
3)	0.3×40	12
4)	Write as a decimal $7 + \frac{12}{100}$	7.12
5)	What is 20% of \$15?	\$3
6)	Find the median of 1.1, 1.0, 1.5, 1.2, 1.9, 0.7 and 1.1.	1.2
7)	Estimate to the nearest 10: 14.16×2.93	40
8)	What is the area of this triangle? 	9cm^2
9)	$300 + 0.4 + \underline{\hspace{1cm}} = 307.46$	7.06
10)	372.6×100	37260
11)	6 packages each have a mass of 11 pounds. How many pounds less than 5 stone is the total weight?	4
12)	Flowers cost 70¢ for 10. How much would I need to pay for 25 flowers?	\$1.75
13)	I need to mix brown paint using red, blue and yellow in the ratio of 2:1:3. If I need to mix 18 fluid ounces of paint, how much yellow paint will I need?	9 fl oz
14)	What is the value of $\frac{x + 8}{4}$ if $x = 12$	5
15)	The Salamanders guessed how far a frog could jump in a minute. Captain guessed 3.2m, Sally guessed 2.7m. Tyger guessed 2.1m. In the end, the frog jumped 245cm. Whose guess was closest?	Sally
16)	Convert $7\frac{3}{5}$ into a decimal.	7.4
17)	The perimeter of a regular hexagon is 42cm. What is the length of each side?	7cm
18)	The time in New York is 16:45 (EDT). What is the time in Brisbane (AEST) which is 14 hours ahead?	06:45



FOUNDATION WORKSHEET

Class: 7

Week: 3

Subject: Science

Date: 17/04/2020

Name: _____

Code: Sci-014/17apr/20-21

1. Dear students during this time while you are at home, your school is ensuring that your academic work continues and your foundation grows stronger every day.
2. Given is a worksheet which you must complete today.
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4. You can take a printout of the worksheet if possible or you can solve it in any exercise book.
5. You must make one notebook for all the subjects (where you can stick worksheet or you can write).
6. In case of any doubt you can ask your teachers once school will reopen.

A] Fill in the blanks.

1. Wool is obtained from the _____ of sheep or yak.
2. Silk fibres come from _____ of the silk moth.
3. Yak wool is common in _____ and _____.
4. Silk fibres are made of a _____.
5. _____ and _____, found in South America, also yield wool.

B] Match the following.

1. Lohi	a. Rayon
2. Nali	b. For hosiery
3. Pattanwadi	c. Good quality wool
4. Bhakharwal	d. Carpet wool
5. Artificial silk	e. For woolen shawls
6. Marwari	f. Coarse wool

C] Identify the animal fibre.

1. It is secreted by a caterpillar.

2. It is fire resistant.

3. It can be dyed easily and is very elastic.

D] Identify the various stages of life cycle of silk moth and label the given diagram.



Answer Key

A]

1. Fleece
2. Cocoons
3. Tibet and Ladakh
4. Protein
5. Llama and Alpaca

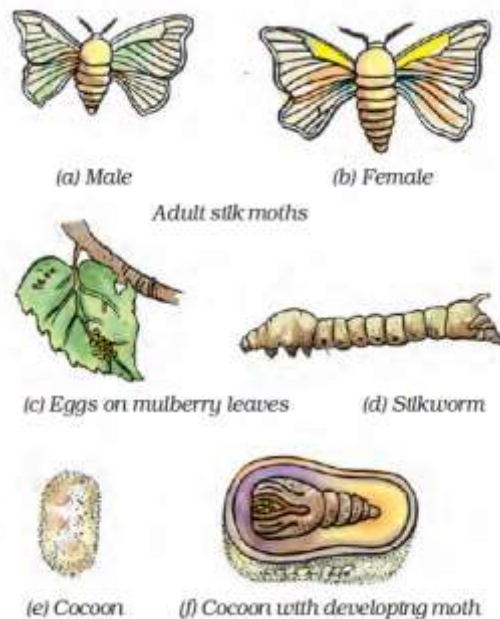
B]

1. Lohi	c. Good quality wool
2. Nali	d. Carpet wool
3. Pattanwadi	b. For hosiery
4. Bhakharwal	e. For woolen shawls
5. Artificial silk	a. Rayon
6. Marwari	f. Coarse wool

C]

1. Silk
2. Wool
3. Silk

D]



FOUNDATION WORKSHEET

Class: 7

Week 3

Subject: Hindi

Date: 17-04-2020

Name: _____

Code: HIN-014/17Apr/20-21

1. Dear students during this time while you are at home your school is insuring that your academic work continues and your foundation grows stronger every day.
2. Given is a worksheet which you must complete today.
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4. You can take a printout of the worksheet if possible you can solve it any exercise book.
5. You must make 1 notebook of all the subjects (where you can stick worksheets or you can write).
6. In case of any doubt you can ask your teacher when school will reopen.

नीचे दिए गए काव्यांश को पढ़कर प्रश्नों के उत्तर लिखिए।

आज करना है जिसे, करते उसे है आज ही।

सोचते कहते हैं जो कुछ कर दिखाते हैं वही।।

मानते जी की है सुनते है, सदा सबकी कहीं।

जो मदद करते हैं अपनी इस जगत में आप ही।।

भूलकर भी दूसरों का मुंह कभी ताकते रहे।

कौन ऐसा काम है वे कर जिसे सकते नहीं।।

नीचे दिए गए प्रश्नों के चार उत्तर दिए गए है सही उत्तर पहचान कर लिखिए।

प्रश्न १) कर्मवीर समय का सदुपयोग किस तरह करते हैं?

- १) हर काम को समय पर करते हैं।
- २) आज का काम कल पर नहीं छोड़ते हैं।
- ३) बेकार की बातों में समय बर्बाद नहीं करते हैं।
- ४) आलस में समय नहीं गवाते हैं।

प्रश्न २) कर्मवीर के काम करने के तरीके की प्रमुख विशेषताएं क्या हैं?

- १) वे जो ठान लेते हैं, उसे पूरा करके दिखाते हैं, वह बेकार की बातों में समय बर्बाद नहीं करते हैं।
- २) मैं किसी के बहकावे में नहीं आते हैं मन में जो सोचते हैं वही करते हैं।
- ३) वे उचित काम को ही करते हैं।
- ४) वे वीरता के काम ही करते हैं समय आने पर हिम्मत नहीं हारते हैं।

प्रश्न ३ "भूलकर भी दूसरों का मुंह "पंक्ति का भावार्थ है।

- १) वे दूसरों की मदद के लिए हाथ पर हाथ रखकर नहीं बैठते हैं।
- २) वे दूसरों की मदद नहीं देते हैं।
- ३) दूसरों की सलाह नहीं मानते हैं।
- ४) वे दूसरों से कोई उम्मीद नहीं रखते हैं।

प्रश्न ४) कर्मवीर की दो विशेषताएं हैं।

- १) वे कर्मवीर तथा स्वाभिमानी होते हैं।
- २) वे दृढ़ संकल्प होते हैं, समय का सदुपयोग करते हैं।
- ३) उनकी कथनी करनी एक जैसी होती है ।
- ४) मैं किसी से मदद लेने की उम्मीद में बैठे नहीं रहते हैं।

उत्तर सूची:-

प्रश्न१) विकल्प -२

प्रश्न२)विकल्प- २

प्रश्न३)विकल्प -४

प्रश्न४)विकल्प-२