مکتب

Grade VII Summer Holidays Homework 2019

English:

Please use a two-lined English copy/register for your English Holiday Homework.

Read the following books and critically summarize the content of any six in your own words:

1. Lord of the Rings (Part: The two towers) by J. R.R. Tolkein
2. Merchant of Venice by William Shakespeare.
3. Gulliver's Travels by Jonathan Swift.
4. Alchemist by Paulo Coelho.
5. David Copperfield by Charles Dickens.
6. Harry Potter and the Cursed Child by J. K. Rowling.
7. Treasure Island by Robert Louis Stevenson.
8. Kidnapped by Robert Louis Stevenson .

- **Read the following poems and write down the explanation in your own words. Identify the poetic devices and themes also.**

1. Daffodils by William Wordsworth.
2. Stopping by the Woods by Robert Frost.
3. Mending wall by Robert Frost.
4. The Tyger by William Blake.
5. To the Cuckoo by William Wordsworth.

Write down your views on the following topics. [300-350 words]

1. Write a descriptive writing on the most exciting incident that has ever happened to you.
2. Write a report on any recent event that was held in your school in second term.
3. Imagine a box is delivered to your front door step with your name on it. What's inside and what happens when you open it. Be creative!
4. Imagine that during your water sports activity you saw something very strange in the water. You are going to write an eyewitness account of your sighting.
5. Think of a place to use as a setting for a story where something strange, mysterious or frightening happens.

جماعت ہفتم:

افق : (اسباق) سونے کے سکے، میں کچھ بھی کہہ نہ پایا، عدالت کا کمرہ افق میں کام کرنا ہے۔

تصویری کہانیاں : صفحہ نمبر ۶۲، ۳۶، ۹۲، ۱۱۸، ۱۷۴، افق میں کرنی ہیں۔

تخلیقی لکھائی: میری خواہش ہے کہ میری شخصیت اس جیسی ہو، میں اپنا فارغ وقت کیسے گزرتا ر گزرتی ہوں، اگر میرا دوست ملک چھوڑ کر جا رہا ہو تو میں کیا محسوس کروں گا یا کروں گی؟، میرا یادگار سفر

پڑھائی کے لیے : بوڑھا اور سمندر (شاہد حمید)، حماقتیں [شفیق الرحمن] عالی پر کیا گزری، تین اناڑی [آکسفورڈ]

Holiday Homework Grade VII Mathematics

Note: All the questions should be done on a narrow lined notebook.

Question 1

a) Ahmad spends 1/3 of his pocket money on his clothes and 2/5 of the remainder on books and saves the rest. Find the amount he saves.

b) Calculate

i) 3/7 of 4389.53

ii) 420/14000 of 60,000

iv) 19 + 21.43 + 5.9 - 4.254

c) Find out the following

i) $3\frac{4}{3}+9\frac{4}{7}$

ii) $21\frac{14}{17}-12\frac{7}{51}$

iii) $7\frac{5}{56}\div 9\frac{18}{49}$

Question 2

a) Write down all the factors of the following

i) 16 ii) 96 iii) 120 iv) 210

b) Find out the multiples of 8 from the following.

14, 24, 32, 64, 86, 98, 104, 210, 120

c) Identify the numbers that have 224 as a multiple in the following.

3, 4, 12, 14, 28, 35, 36, 56

Question 3

a) Find the HCF of the following

i) 12 and 30

ii) 28 and 56

iii) 324 and 128

b) Find the LCM of the following

i) 12 and 9

ii) 65 and 135

iii) 100 and 75

Question 4

a) Simplify the following

i) $3a+5a-7a$

ii) $7a+9b-5a-4b+2a-b$

iii) $3(2a+b)-2(4a-3b)$

iv) $3(p-2q+3r)-4(r-2p+3q)-4r+3q$

v) $\frac{1}{2}(4r-6p+q)+q-3r+4p)$

Question 5

a) Complete the following table

	Two pairs of equal sides	All angles are 90^0	Both pairs of opp. sides parallel	Opp. Sides equal in length	Diagonals equal
Parallelogram	Yes	No	yes	yes	No

Square					
Rectangle					
Trapezium					
Kite					
Rhombus					

b) Write down the number of vertices, faces and edges for the following shapes

i) Cube

ii) Triangular prism

iii) Tetrahedron

iv) Square based pyramid

v) Cone

vi) cylinder

c) Differentiate the following

i) Square and kite

ii) Square and Rhombus

iii) Rhombus and kite

iv) rectangle and parallelogram

Question 6

a) Do the following conversions

i) 2.6L to ml
ii) 0.75km to m
iii) 47000cm to m
iv) 0.008km to cm
v) 220ml to L

b) Mrs. Hilt will buy a new pair of shoes in 11 days. How many minutes must she wait before she can buy her new pair of shoes?

Question 7

a) The following data represents the number of oranges picked up from an orange tree.

24, 37, 31, 29, 45, 49, 38, 41, 29, 12, 24, 30, 29, 28, 37, 41,47,35, 43, 21,20, 32, 42, 29, 38, 44, 17, 19, 21,23, 10, 40, 21, 19, 32, 39, 42, 40, 14, 15

Make a frequency table for the data and show it through frequency diagram

b) The following table shows the transportation used by students to come to school. Show this data on a pie chart.

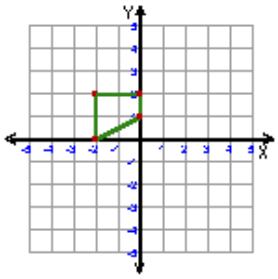
Type	Car	Bus	Bicycle	Walk
Frequency	240	60	80	120

Question 8

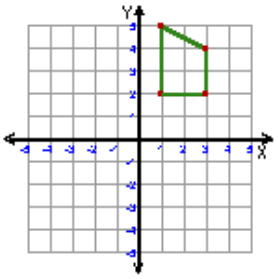
Do the following transformations

ccw = counterclockwise

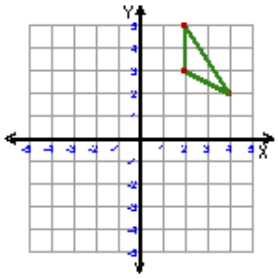
1) Rotation: 180° about the origin



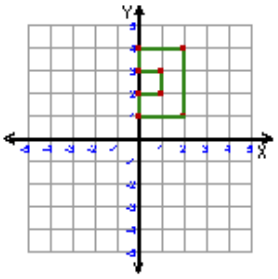
2) Rotation: 180° about the origin



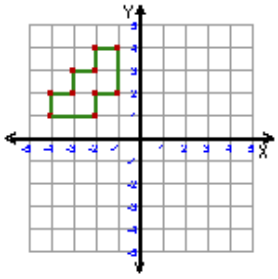
3) Rotation: 90° ccw about the origin



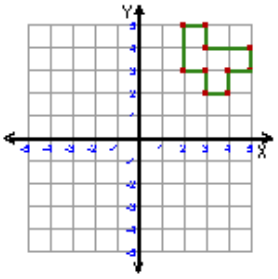
4) Rotation: 180° about the origin



5) Rotation: 90° clockwise about the origin



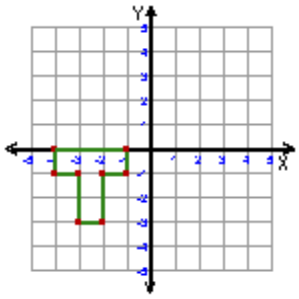
6) Rotation: 90° ccw about the origin



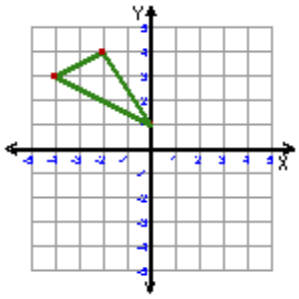
Question 9

Do the following transformations

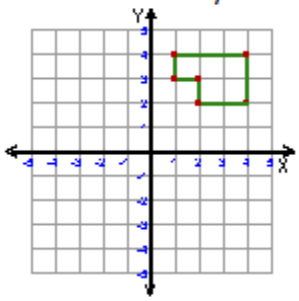
1) Reflection: Across x axis



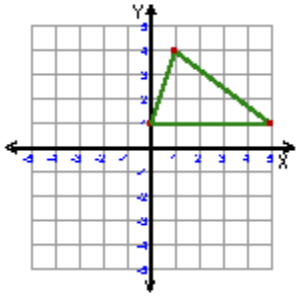
2) Reflection: Across yaxis



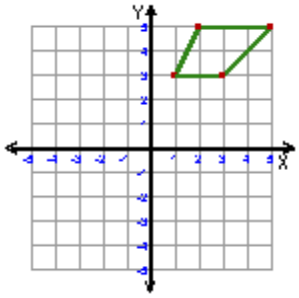
3) Reflection: Across y axis



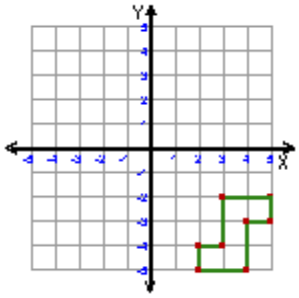
4) Reflection: Across the y-axis



5) Reflection: Across x axis



6) Reflection: Across the x-axis



Question 10

a) There are 5,280 feet in a mile. How many feet are in 7/11 of a mile?

b) A rectangle measures 4 2/3 x 3 3/7 inches. What is its area? Give your answer as a simplified mixed number or as a whole number.

c) A recipe calls for 2 cups of liquid, which includes ¼ cup molasses. What fraction of the liquid in the recipe is molasses?

d) How many 1/2 cup servings are in a package of cheese that contains 5 1/4 cups altogether?

e) You decide to dye your hair various colors for Halloween. If you dye 1/3of it blue, 1/4 pink, and 1/4 black, how much of your original hair color is left?

- Review 1A and 1B of Checkpoint 1 are to be done on copies