

AMITY INTERNATIONAL SCHOOL
VASUNDHARA SECTOR-1
CLASS-VII HOLIDAY HOMEWORK

ENGLISH

1) Read any of these story books-

- a) The Three Musketeers—Alexander Dumas
- b) Sherlock Holmes Adventure—A.C. Doyle
- c) The Time Machine—H.G. Wells
- d) Tales from Shakespeare

and make a Book Review according to the following points;

- a) Name of the book and the author-
- b) Number of pages-
- c) Mention as many characters as possible-
- d) Write about the character who impressed you the most and why?(in about 100 words)

2) Complete the poem and give a suitable title to it.(write 8-10 lines more using rhyming words)

Enjoy the blessings, the warm sun,
Twinkling stars and the moon.....

SOCIAL STUDIES

Make a project on Rulers and Buildings

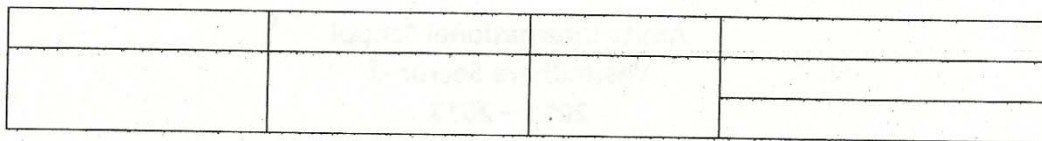
Amity international School
Vasundhara Sector -1
2011 – 2012
Science Workseet

- Q.1 Make a chart of human digestive system, using different material
- Q.2 Explain the following with the help of an example
- a) Parasitic Nutrition
 - b) Symbiosis
 - c) Saprotrophic Nutrition
- Q.3 Why is nitrogenous fertilizer not added in the soil in which leguminous plants are grown?
- Q.4 Name the four types of teeth in your mouth, what are their functions?
- Q.5 Which food do you think will take a longer time to get digested sugar or beans?
- Q.6 Write the names of various types of thermometer found in markets, also write one feature of each.
- Q.7 At what temperature are the readings on the Celsius scale and Fahrenheit scale the same?
- Q.8 Why are cloudy nights warmer than clear nights?
- Q.9 Name any four good conductors and four bad conductors of heat. Write one use of each.
- Q.10 Make one bag for your lunchbox and one for your water bottle using the gunny bag material.

Q.11 We use so many salts in our daily life, lets learn some more.

Complete the given table

Name Of salt	Formula	Common name	Uses of the salt



Q.12 What is a soap? How can you make soap in the laboratory?

Q.13 Write one equation of each type.

- a) Combination Reaction
- b) Displacement Reaction
- c) Decomposition Reaction
- d) Neutralisation Reaction

Q.14 In which city rusting will be a greater problem

- a) A city in the northern plains
- b) A city at the sea coast

Write the ways to prevent rusting of iron articles.

Q.15 Write the name of any ten compounds and also write their chemical formulas.

NAME : _____

CLASS :VII

Q1.a) Multiply using suitable rearrangements. $25 \times 7896 \times 4 \times 50 \times$

b) Find the sum by suitable arrangement: $2067 + 342 + 1933 + 558$

c) Find 7×109 using distributive property.

d) Simplify: $255 \times 42 + 255 \times 58$ using suitable property.

Q 2 a) If a clock hand starts from 12 and stops at 12 . What type of figure does it draw?

b) In triangle ABC, $AB = 13 \text{ cm}$, $BC = 13 \text{ cm}$, $CA = 5 \text{ cm}$. Classify the triangle on the basis of its sides.

c) Write the measure of a straight angle.

d) Is rectangle a quadrilateral?

e) What is the shape of cycle's wheel?

f) Can a triangle have two obtuse angles?

g) State true or false : A reflex angle is less than a straight angle.

h) State true or false : A rectangle is a parallelogram ?

i) In a triangle ABC, $AB = 13 \text{ cm}$, $BC = 12 \text{ cm}$, $CA = 5 \text{ cm}$ and $\angle C = 90^\circ$. Classify the triangle on the basis of sides and angle.

ii) Can a right-angled triangle have two right angles ?

Q 3 I) Following letters of the English alphabet are symmetrical about a line. Identify a line of symmetry in each case.

- a) C
- b) U
- c) Y
- d) B

II) Complete the table:

Shape	Rough Figure	No. of lines of symmetry
Equilateral Triangle		
Square		
Rectangle		
Circle		

- 4 a) Find the H.C.F of 96, 128.
 b) Find the L.C.M of 112, 160 and 188.
- Q5. a) Check the divisibility of 390612 by 3 and 9.
 b) Using divisibility tests, check the divisibility of 376948 by 11.
 c) Check whether 438750 is divisible by 2, 4 and 5.

Q6. Write all the prime and composite numbers between 1 and 50.

- Q7. Place commas correctly and write the numerals.
 (a) Nine crore five lakh forty-one.
 (b) Fifty eight million four hundred twenty three thousand two hundred two.

- Q8. I) Write in Roman numerals.
 (a) 1365
 (b) 79

II) Write the sum of XXI and MXIX in Roman numerals.

- Q 9 Fill in the blanks:
 (a) 1 metre = _____centimetres
 (b) 1 gram = _____milligrams
 (c) 1 litre = _____ millilitres

- Q10. Solve-
- (-6) ÷ (+3) = _____
 - 11 - (-29) = _____
 - (-5) x (-62) = _____
 - (+28) ÷ (+4) = _____
 - (+95) x (0) = _____
 - (0) ÷ (+3) = _____
 - (-25) ÷ (-5) = _____
 - (-63) + (-11) = _____
 - (+9) x (-18) = _____
 - (-93) + (-15) = _____

- Q11. Evaluate each using the values given.
 a) $y \div 2 + x$; use $x = 1$, and $y = 2$
 b) $y^2 - x$; use $x = 7$, and $y = 7$

- Q12. Simplify
- a) $7 \frac{1}{5} \div 2 \frac{3}{5}$
 - b) $1 \frac{2}{3} + 2 \frac{1}{4} \dots 3 \frac{5}{6}$
 - c) $2 \frac{1}{5} \times 2 \frac{1}{3}$

Q13. Fill in the blanks.

- a) $1000 \times 8.82 = \underline{\hspace{2cm}}$
- b) $6.3 \times 100 = \underline{\hspace{2cm}}$
- c) $59.123 \div 10000 = \underline{\hspace{2cm}}$
- d) $728.432 \div 100 = \underline{\hspace{2cm}}$
- e) $7 - 0.72 = \underline{\hspace{2cm}}$
- f) $15 - 2.8 = \underline{\hspace{2cm}}$
- g) $71.91 + \underline{\hspace{2cm}} = 139.58$

Q14. a) Mr. and Mrs. Jones are having a horrible time keeping their two dogs in the yard. They want to fence in their entire property. How many feet of fencing will they need?

b) Scott wants to put a triangular shaped hopscotch game in his yard and needs to know how much area it will take up. He wants the height to be 13 meters and the base 9 meters. How much of the yard will the game take up?

Q15. a) Round to the nearest tenth:

- 1) 12.642
- 2) 29.10
- 3) 2.492

b) Round to the nearest hundredth:

- 1) 23.987
- 2) 3.7096
- 3) 4.449

c) Round to the nearest thousandth:

- 1) 0.99989
- 2) 0.2673
- 3) 2.3265

Q16. a) What percent of 65 is 13?

b) 42 is 60% of what number?

c) A softball team won 95% of 120 games played. How many games is that?

d) At Big City School, 4,248 students ride mass transit to school. If this number is 90% of school enrolment, then how many students are enrolled?

Q17. Find the ratio of:

a). 
 all figures to squares

- b) 8 black marbles, 17 blue marbles, 7 brown marbles, and 14 green marbles
black marbles to brown marbles

7-7

Q18. State whether the ratios are proportional.

$$\frac{7}{9} = \frac{21}{27}$$

$$\frac{45}{27} = \frac{30}{50}$$

- Q19.a) Clayton plays basketball on a team. He has played three games so far. In the first game, he scored 10 points. In the second game, he scored 14 points. In the third game he scored 6 points. What is Clayton's average points per game?
- b) Harley read 5 books in January, 8 books in February, 4 books in March, and 7 books in April. What is the average number of books Harley read per month?

- Q20. 1. How many sides does an octagon have?
2. How many angles does a triangle have?
3. Does a rectangle have more sides or angle?
4. How many sides does a pentagon have?
5. Which has more sides: a hexagon or a pentagon?
6. How many pairs of parallel lines does a trapezoid have?
7. How many pairs of parallel lines does a square have?
8. How many pairs of parallel lines does a triangle have?
9. What polygon has 6 sides and 6 angles?
10. Name four types of quadrilaterals.
11. Does a polygon usually have more sides or more angles? Explain.
12. Is a cube a polygon? Why or why not?

Amity International school, Vasundhara Sector-1
MATHAMITY (2011-12)

General Guidelines for Students:

1. The Theme for this year's Mathamity is "Math around us".
2. Mathamity is an Intra-Class Competition, which is going to be held on 29-30th July.
3. It is compulsory for all the students to participate in MATHAMITY.
4. The project work with suitable model, chart and short explanation with a hand written file (A4size sheets to be used in the file) depicting their work should be submitted by each group.
5. The project should be cost effective and survey research based. Real data should be collected for statistical projects.
6. Only eco friendly material should be used by the students.(No plastic and no thermocol)
7. Project submitted should be child's own creativity. Project will be disqualified if the professional's help is taken.

ELEMENT ON WRITTEN REPORT/ FILE

A project report should be written on A4 size paper under the following suggested points.

Cover page

Index

1. Introduction
2. Aim and Objectives
3. Work plan/ Methodology
4. Observation
5. Data Analysis
6. Conclusion
7. How is research useful for further purpose?
8. Log sheets
9. Acknowledgement
10. Reference

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MATHEMATICS
THEME- MATH IN BANKING
PROJECT -

Group 1: Use of Math to a cashier or tellar in bank.

Group 2: Use of Math in Deposit Account - Saving and current.

Group 3: Use of Math in Fixed Deposit Account.

Group 4: Use of Math in Recurring Deposit Account.

Group 5: Use of Math in calculating installment of Working Capacity Loan.

Group 6: Use of Math in calculating installment of Education Loan.

Group 7: Use of Math in calculating installment of Car Loan.

Group 8: Use of Math in calculating installment of Housing Loan.

YOUR WARD BELONGS TO _____ GROUP AND YOUR TOPIC IS _____

Address and Phone Numbers of the group members:

S.no.	Name of students	Address	Phone Number

COMPUTERS

Do HTML activity 3.1 and 3.2 and get the same in pen drive.

Hindi

कक्षा - सात

- क 'मेरी माँ' विषय पर स्वरचित कविता लिखिए।
ख 'जैसी संगति बैठिए, तैसी ही फल होत' विषय पर 100 शब्दों में अपने विचार प्रस्तुत कीजिए।
ग प्रेमचंद का कोई एक उपन्यास पढ़िए।
घ पालतू पशु पक्षियों पर एक कोलाज बनाइए।

संस्कृत

- 1- 'मम विद्यालयः' पर पाँच पंक्तियाँ लिखें।
- 2- 4 ध्वनियों पर पाँच-पाँच वाक्य लिखें।
- 3- बालक, फल, लता के रूप लिखें व आद करें।
- 4- 'मम गृहम्' पर पाँच वाक्य लिखें।