Delhi Public School
Miyapur

HOLIDAY HOMEWORK

Keep your child's brain active
over break without them knowing they're doing

GRADE - VIII

2019

Summer

ENGLISH

ENGLISH:

"Magazine" refers to a collection of written articles. The students of **Grade 8** will make a magazine. The magazine should have maximum ten pages of **A4** size on **five** given topics. It should also have one front page, one index page and one back page. The students have to decorate the front and back pages colourfully and creatively. Give a name to your magazine and write the topics in the index page with page numbers. The page numbers should be given at the **bottom** of each page along with a quote or proverb of your choice. The write-ups should be done on **single side** of each page.

Following are the parameters of assessment - content, creativity, presentation, accuracy and organization of the thoughts:

TOPIC	DESCRIPTION
1. Article (2 pages)	Write an article (200-250 words) on the coexistence of different cultures in Hyderabad. Tracing the cultural shift from the time of Kakatiyas till the emergence of IT industry. **OR** Write an article (200-250 words) on whether there should be an age cap on the usage of social media.
2. Comic Strip (1 page)	An illustration on when Bahubali meets anyone of the Marvel characters (minimum 6 frames and maximum 10 frames)
3. Collage making (1 page)	A collage on the advantages of organic farming. (A mix of pictures, online or newspaper articles, newspaper or cuttings) **OR** A collage on IPL/Olympics
4. Calendar making (1 page)	Make a unique and creative calendar for the month of May naming the different days with creative names and a short description behind naming those days. Also mark the special events of the month both personal & general.
5. Miscellaneous page (2 pages)	A creative assortment of favourite recipe/ idioms/ jokes/ anecdotes/ scientific/ literary facts/ quizzes/ current affairs.

2nd LANGUAGE HINDI

Learn poem '**matrbhumi**' (lesson-1) from text book for recitation. Evaluation will be done on the basis of **pronunciation, expression and meaning.**

2nd LANGUAGE TELUGU

పోతన భాగవతంలోని ప్రథమస్కందం లోని క్రింద ఇవ్వబడిన పద్యములు నేర్చుకుని,

తరగతి గదిలో పద్యమును రాగయుక్తంగా, భావయుక్తంగా పాడి మరియు భావమును వివరించుట.

    1). కృష్ణా! యదుభూషణా! ------------ నిత్యానుకంపానిధీ!

    2). హారికి, నందగోకుల ---------------- ప్రహారికిన్.

    3). పలికెడిది --------------------- గాధ పలుకగనేల !!

సూచన -

http://www.bhagavatamanimutyalu.org/ibamlist.php - ఈ లింక్ ఆధారంగా లేదా IBAM app ను MOBILE లో DOWNLOAD చేయడం ద్వారా నేర్చుకొనవలెను.

MATHEMATICS

Note : Take the print out of holiday home work and make a booklet of the given three sheets along with the answer sheets. Holiday home work will be assessed based on presentation and conceptual understanding.
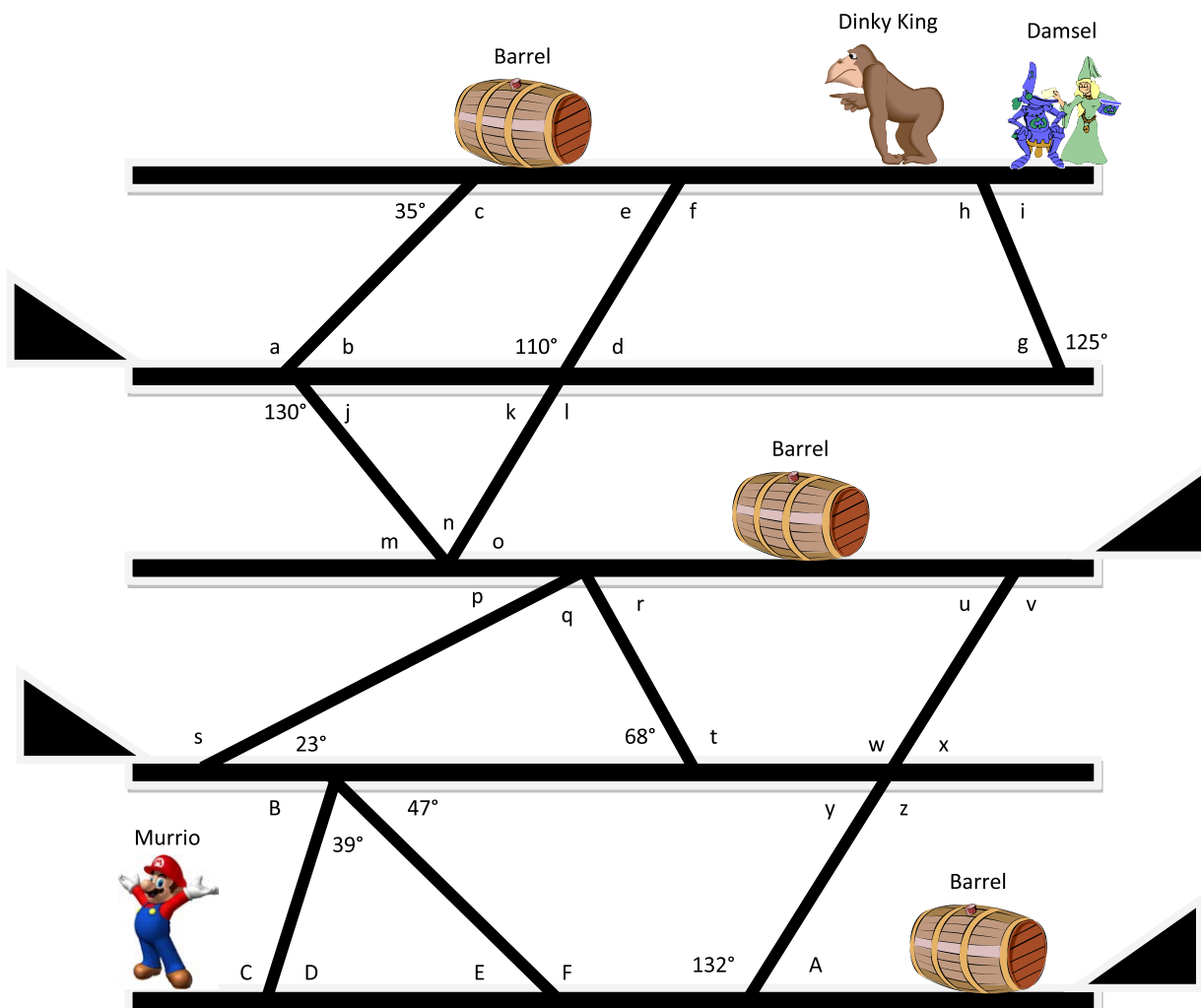
Read the instructions given and find the angles. Write the property which you use to find the angles: (Based on Parallel lines and transversal)

Dinky King – The Next Generation of Platform Game!

I need your help – I was never any good at maths and I'm designing a new game called "Dinky King". It's a platform game where my main character, Murrio has to save a damsel in distress by jumping over the barrels rolled down the platforms at him. Murrio climbs the ladders, which will be at different angles, in order to get to the damsel and free her.

All the platforms are parallel with a wedge at each end to make the barrel roll – hope that helps.

We are so close to completing it but I can't calculate all the angles that the computer programmer needs in order to finish the game. Please find **all** the missing angles on the game:

Dinky King

Damsel

Barrel

35°   c   e   f   h   i

a   b   110°   d   g   125°

130° j   k   l

Barrel

m   n   o

p   r   u   v
q

s   68°   t   w   x
23°

B   47°   y   z
39°

Murrio

C   D   E   F   132°   A
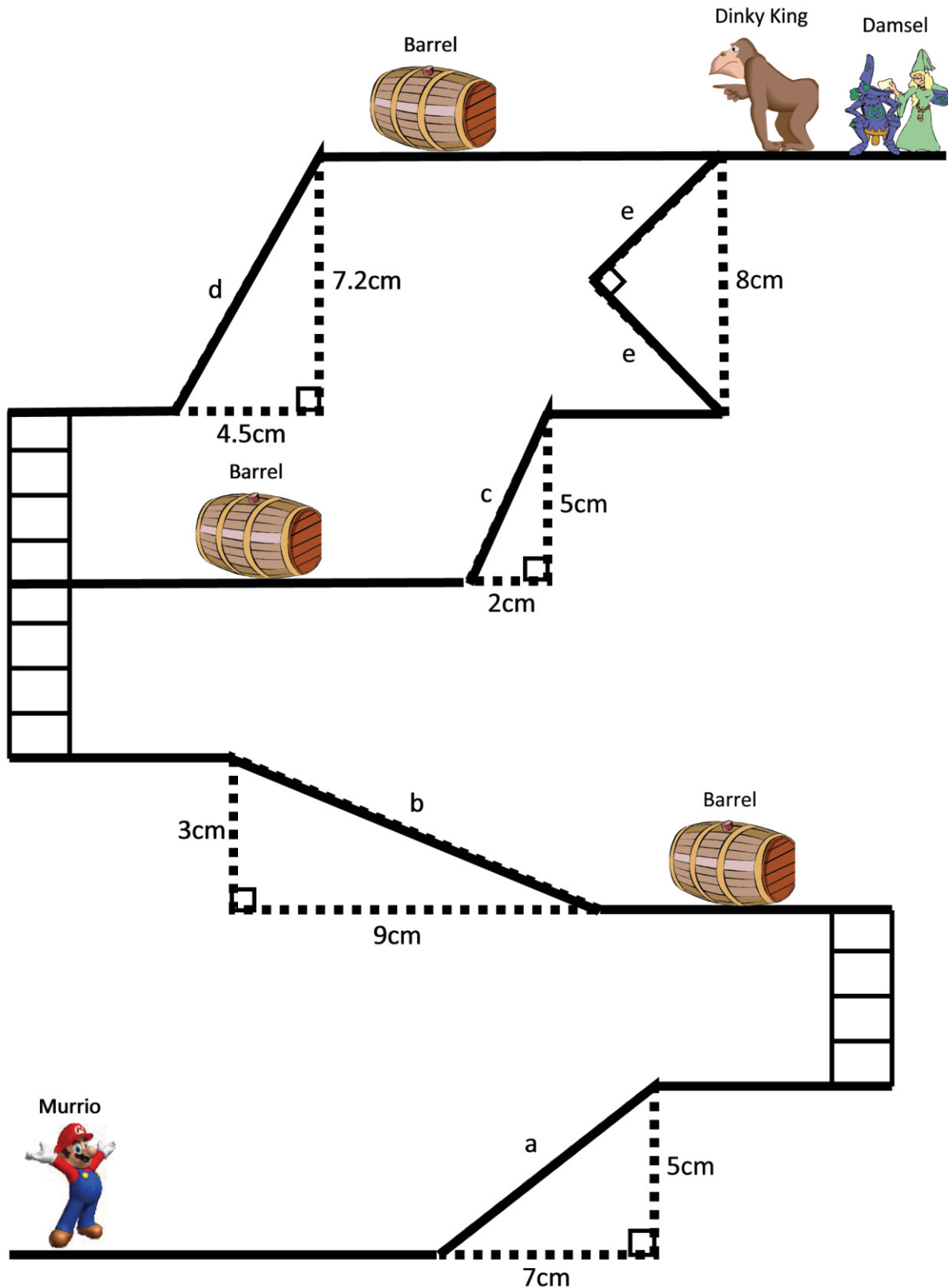
Barrel

Extension:

Please explain how you calculated each angle so that I won't have to ask for help about this again.

I'll need mathematical explanations as my programmer is very picky about using the right language.

Dinky King 5 – Pythagorean Platforms

Dinky King's creators have designed a new platform game where our hero Murrio has to race along various paths avoiding barrels, but the designers aren't sure how long some of the paths have to be.

Can you help by finding the lengths marked with a letter rather than a number?

Dinky King

Damsel

Barrel

e

7.2cm

8cm

d

e

4.5cm

Barrel

c

5cm

2cm

b

Barrel

3cm

9cm

Murrio

a

5cm

7cm

Fill in the empty boxes by Yes /No and give reason .Solve the practice questions.

SOLVING EQUATIONS

DO I HAVE TO DISTRIBUTE?
$2+5(x+3)-3(x-4)=x+2(2x+4)$

→ [ ]

[ ] ←

DO I HAVE TO CLEAN UP?
$2+5x+15-3x+12 = x+4x+8$

DO I HAVE VARIABLES ON BOTH SIDES?
$2x+29 = 5x+8$

→ [ ]

[ ] ←

IS THE VARIABLE ISOLATED?
$29=3x+8$

IS THE VARIABLE MULTIPLIED?
$21 = 3x$

→ [ ]

PRACTICE EQUATIONS

$2x-3(x+10)+1=-1+2(x+7)$	$x-6(x-5)=2x+4(x-20)$	$1+5(7+3x) = 12x+5x$	$x+2(2x+3)-1 = \frac{1}{2}(4x+28)$

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Treasure hunt: Find all of the following in a magazine. Cut them and glue them into your math holiday home work. Be sure to label each item.

    i.   A table of data (preferably Grouped frequency distribution table.)

    ii.   A histogram depicting a valid data

    iii. A pie chart

    iv. A number written in scientific form

    v.   A number with negative exponent.

        (Don't worry its election time, you will definitely fulfill the above task.)

SCIENCE

Activity 1 :

Step 1: Make four index cards* for four metals and four non-metals. Collect information from your elders/reference books/internet and present the following information on these cards.

1. Name
2. Type: Metal/Non Metal
3. Use /Purpose
4. Deposits found in India
5. Physical properties(any 2)
6. Chemical properties(any 2)

* Index card

Step 2: Based on the collected data, answer the following questions on a A4 size paper.

Q1. Find out kind of jars used to keep pickles in their home.

Q2. Why metals jars are not used to store pickles? Specify the chemical property of metals involved here.

Activity 2:

Human Body and Metals

Collect information about any 5 metals needed by human body and their functions. Note it down on an A4 size paper.

SOCIAL STUDIES

It is bewildering as to how one can consider Indian history today and not recognize the struggles of the tribes of India. With an obscure history they are still competing to get along with the modern trend. Through the following exercise, while taking reference from the text we will research *The Indigenous Colour of India - The Indian Tribes*

- Refer to **Lesson 4.** *Tribals, Dikus and the Vision of a Golden Age* and complete the following assignments.

- You may use any **method**; **Report** using newspaper articles, images, case study or a **PowerPoint presentation**.

- The presentation should not exceed **5 minutes**.

- You need to present **individually** or in **groups** thus check the activity marked against your Roll Number.

- **New students** could present the topic 9.

Topics	Roll Nos	TOPICS FOR PRESENTATION
1.	1 - 3	Lives of Jhum Cultivators- In India and Abroad
2.	4 - 6	Lives of Hunter and gatherers in India and Abroad
3.	7 - 9	Lives of Tribals who herded animals in India and Abroad
4.	10 - 12	Lives of Santhals and Gonds during British India
5.	13 - 16	Impact of Colonial policies on the Indian Tribes
6.	17 - 19	Birsa Movement during the British colonial rule
7.	20 - 22	Case Study: Life of any one tribe of India in recent years {Location, Social, Economic and Cultural life}
8.	23 - 25	Case Study: Life of any one tribe of another country in recent years{Location, Social, Economic and Cultural life}
9.	26 - 28 New Admissions	Tribal welfare schemes adopted by the last two Indian Govts.

Note: You will be assessed on the following parameters:

·The Report will be judged on the parameters given below:
➢Organisation
➢Research and Reference Skills
➢Visual aids and Data
➢Creativity/ presentation

·The PPT will be judged on the parameters given below:
➢Organisation
➢Research and Reference Skills
➢Visual aids and Data
➢Creativity
➢Presentation and Eye contact
·You have to make the presentations by 7th June, 2019.

Assessment parameters

Parameter	Marks Allotted
1.Concept/Viva	2m
2.Presentation	2m
3.Timely Submission	1m