KĀSIGA SCHOOL

DEHRADUN

Holiday Homework Summer Break 2021

GRADE 8

ENGLISH

Compare a book and its film adaptation

<u>What you have to do–</u>

1. Choose a book which has been adapted into a movie.

2. Read the book.

3. Watch the film.

4. Make a presentation, mentioning the differences between the two.

5. Examples of movies based on books:

    a. The lord of the Rings
    b. The Chronicles of Narnia
    c. The Maze Runner
    d. The Hunger Games
    e. The Fault in Our Stars
    f. Pride and Prejudice
    g. Harry Potter
    h. The Twilight series
    i. The Da Vinci Code
    j. Matilda
    k. I am Number Four

6. You can choose one of the books/movies mentioned above or any other you would like.

7. Record a video, where you will share your thoughts on the differences between the movie and book.

    State whether you prefer the book or the film and give reasons to support your choice.

- The video to be submitted by 28th June 2021.

- Please email it to rsethi@kasigaschool.com

- Mention your name in the email.

HINDI

१.भारत के किन्हीं दो क्रांतिकारियों अथवा महापुरुषों से संबंधित फिल्म देखकर उन महापुरुषों की जीवनी एवं देश अथवा समाज के लिए किए गए योगदान के विषय में लिखिए।

२.अवकाश के समय आपके द्वारा माता के कार्य में किये गए सहयोग तथा अनुभव को लिखिए|

३.कोरोना के समय में किसी जरूरतमंद की मदद कीजिये और उस अनुभव को २०० शब्दों में लिखिए।

MATHEMATICS

"If I had an hour to solve a problem I'd spend 55 minutes thinking about the problem and 5 minutes thinking about solutions." — *Albert Einstein*

ANSWER if you`re Genius

If
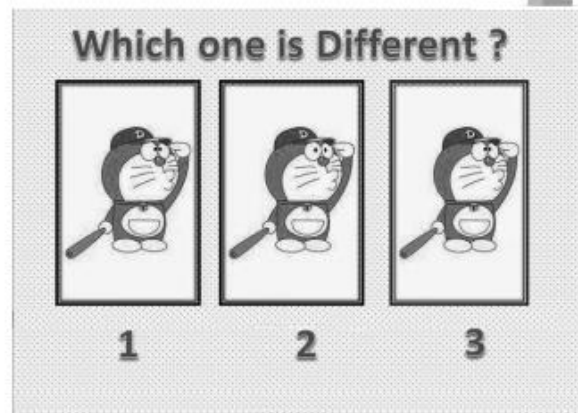$$2 + 3 = 13$$
$$3 + 4 = 25$$
$$4 + 5 = 41$$

Then
$$5 + 6 = ?$$

GO!

SOLVE

1. Represent $\frac{-5}{4}$ and $\frac{5}{4}$ on the same number line. Are these points equidistant from the origin?

2. Rohit bought $10\frac{7}{8}$ kg atta, $3\frac{1}{2}$ kg vegetables and carried them on his head. How much weight did he carry on his head?

3. Verify: $\left(\frac{-2}{3}\right) + \left(\frac{-4}{7} + \frac{1}{14}\right) = \left(\frac{-2}{3} + \frac{-4}{7}\right) + \frac{1}{14}$

4. Verify that $(x+y)+z = x+(y+z)$, if $x = \frac{4}{5}, y = \frac{-3}{6}, z = \frac{-2}{15}$

5. Subtract the sum of $\frac{-8}{7}$ and $\frac{-5}{3}$ from the sum of $\frac{3}{2}$ and $\frac{-31}{28}$

6. Verify that $x - y$ is a rational number, when $x = \frac{-5}{12}, y = \frac{2}{3}$

7. Ruchi bought $2\frac{1}{2}$ kg potatoes at Rs 10 per kg and $1\frac{3}{8}$ kg tomatoes at Rs $16\frac{8}{11}$ per kg. How much money did she give to the shopkeeper?

8. Prove that $\frac{2}{3}\left(\frac{11}{12} \times \frac{-15}{22}\right) = \left(\frac{2}{3} \times \frac{11}{12}\right) \times \frac{-15}{22}$

"Uh-oh ... we're outnumbered!"

Which one is Different ?
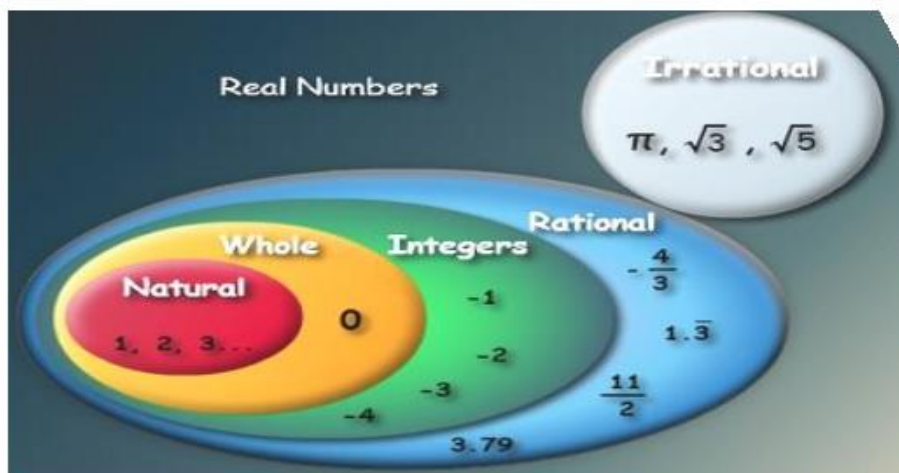

1   2   3

1. A train goes 80 km in one hour. How much distance will it cover in 45 minutes?

2. A man has Rs100 with him. He bought $3\frac{1}{2}$ litres of milk at Rs $16\frac{1}{2}$ per litre. How much money is left with him?

3. Verify: $\dfrac{15}{19}\left(\dfrac{5}{6}+\dfrac{-4}{9}\right)=\dfrac{15}{19}\times\dfrac{5}{6}+\dfrac{15}{19}\times\dfrac{-4}{9}$

4. Verify: $\dfrac{3}{4}\left(\dfrac{2}{3}-\dfrac{1}{4}\right)=\dfrac{3}{4}\times\dfrac{2}{3}-\dfrac{3}{4}\times\dfrac{1}{4}$.

5. The product of two numbers is $-17\frac{1}{2}$. If one of them is $13\frac{1}{3}$, find the other.

6. Divide the sum of $-\dfrac{3}{4}$ and $-\dfrac{5}{12}$ by their product.

7. The area of a rectangle is $145\frac{5}{6}$ sq m. If it is $17\frac{1}{2}$ m long, find its width.

8. The cost of $3\frac{1}{2}$ kg wheat is Rs63. How much will $1\frac{1}{4}$ kg wheat cost?

9. How many rational numbers are between -1 and 0.

10. Find 29 rational numbers between $\dfrac{-2}{5}$ and $\dfrac{1}{5}$.

SCIENCE

INSTRUCTIONS-

a. The given work is to be done in a project file.

b. All work to be submitted by 01.07.21 on MS Teams assignment or on the given email id- rmathur@kasigaschool.com

c. This homework is a part of internal assessment and marks will be awarded on the basis of the given parameters-

Presentation -3 Marks; **Originality and Research work** -3 Marks; **Content**-2 Marks; **Timely submission**- 2Marks

_____

A. Collect at least eight different types of seeds of fruits and vegetables available at your house. Also, write the following information in your file-

 (i) In which season are these seeds grown?

(ii) Mention whether it is a Kharif or a Rabi crop.

 B. You may have noticed that most packed items we get from the market have 'best before' or 'expiry' dates mentioned on them. These are the dates before which the manufacturers intend these foods to be consumed. Check the packets of different types of food items like chips, biscuits, dairy products, chocolates, jam, ketchup, juices etc. and complete the following table.

Product name	Method of packing (sealed bag, tetra pack, bottle, can, carton etc.)	Manufacturing date	Expiry date/ best before date

a. Which types of foods have the shortest 'best before' / expiry duration?
b. Which types of foods have the longest expiry duration?
c. Also, find out why it is considered unhealthy to consume foods after the 'best before'/expiry date.
d. Prepare a report based on your findings.

C. RESEARCH BASED PROJECT-

Explore the Universe!

Research about any peculiar or unique phenomenon that occurs in the universe. Find out the reason behind the phenomenon. Paste images related to the phenomenon in the science project file with an explanation in 50 to 100 words.

SOCIAL SCIENCE

1. Which Fundamental Rights will the following situations violate?

a) If a 13-year-old child is working in a factory manufacturing carpets. _____

b) If a politician in one state decides to not allow labourers from other states to work in his state.
_____

c) If a group of people are not given permission to open a Telugu medium school in Kerala. _____

d) If the government decides not to promote an officer of a reputed profession for being a woman.
_____

e) If the government forces people to follow only one religion. _____

2. Based on the Battle of Plassey, answer the following:

a) Year and place _____

b) The two parties _____

c) List any two reasons_____

_____

d) Name the traitor_____

3. Complete the following table:

Objective	Why is it important?
(i) One religious community does not dominate another.	
(ii) The state does not enforce any particular religion nor takes away the religious freedom of any individual.	

4. Sustainable Development Goal 13: Climate Action

Create a 3D model on 'Climate Action' using eco-friendly material or reusing the waste material available at home. (You may have to raid your toy box for certain things). Take help from the internet for images and ideas related to the topic.