

Use your math skills to find the value of each symbol and the ? in the puzzle below:

$48 = \text{Gummy Bear} + \text{Lollipop} + \text{Gummy Bear}$
 $\text{Watermelon} \times \text{Ring} = 0$
 $\text{Ring} = \text{Gummy Bear} \div \text{Ring}$
 $\text{Gummy Bear} = \text{Lollipop}$
 $\text{Ring} + \text{Gummy Bear} + \text{Watermelon} + \text{Lollipop} = ?$

Key

Gummy Bear = 16
 Lollipop = 16
 Lime = 0
 Ring = 4
 Pop = 4
 ? = 36

ACTIVITY SHEET NO. 1

So it's time to have some fun! If brain is a machine, mental activities are its fuel. Try out these fun activities and give your brain a delightful treat! Don't forget to share your new learnings with your siblings and elders. Enjoy the activities!

Make your own COVID 19 Awareness flag

Make your own flags using diversity of symbols shapes and colours. You can represent your family, community, feelings or COVID 19 protocols on it.

The sky is the limit
 so hoist your flag high to create awareness!

COMMON HOMOPHONES WITH MEANINGS AND EXAMPLES

Homophone: Each of two or more words having the same pronunciation but different meanings, origins, or spelling. Fill in the blanks with suitable Homophones:

Words	Meaning / Definition	Examples
Princip--	The most important or senior person in an organization or group.	The school ___ delivered the speech.
Princip--	Adherence to rules and integrity	He is a man of ___
Mant--	A shelf above a fireplace.	Several framed photographs and a vase of pink roses stood on the ----
Mant--	A cloak or royal robes.	Barack Obama arrived at the White House wearing a ___ of change
---	To obtain (money) in return for services.	She ___ a lot in her new job.
---	A large vase that usually has a pedestal or feet.	They placed the ___ on the mantelpiece
Fl--	A flea is a very small jumping insect that has no wings.	The disease spread from rats to humans by ___ bites.
Fl--	To run away from a place or situation of danger:	He had to ___ from Paris.
Station--	Not moving or not intended to be moved	I drove into a station ___ car parked outside.
Station--	Materials (such as paper, pens, and ink) for writing or typing	She purchased station ___ material online.
Ste--	To take someone's property without permission.	It is wrong to ___
Ste--	Strong and hard alloy of iron.	They have new ___ bottles.
-----	Mixture of gases that surround the Earth and that living creatures breathe.	They went out to have some fresh ___
-----	A person who has legal right to receive the property after someone dies.	His ___ inherited millions of dollars.
Des---	An arid land with usually sparse vegetation, or a wild uninhabited and uncultivated tract.	The tourists enjoyed the des ___ safari.
Des----	The sweet course eaten at the end of a meal.	Meenu likes des ___ of chocolate mousse.
The--	There is a noun, an adverb or a pronoun. (To indicate something)	Your shoes are kept the ___
The--	The word their shows possession.	The ___ car is parked near the gate.

OPTICAL ILLUSIONS

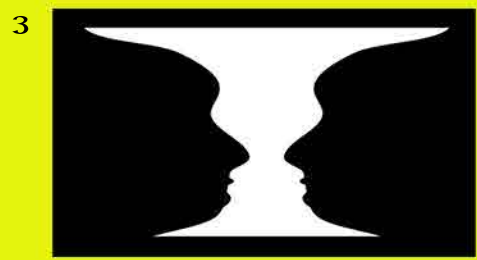
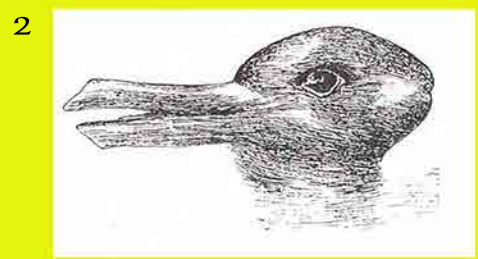
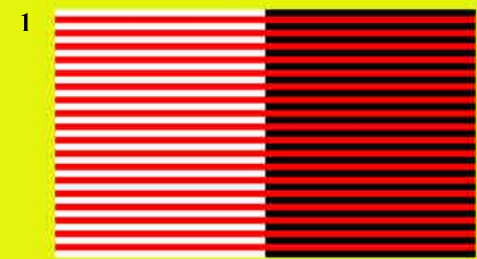


Under a baking sun, a weary traveler trudges across a seemingly never-ending expanse of desert. Looking up, he suddenly spots something in the distance: a sparkling lake. He rubs his eyes. It's still there. Picking up the pace in glee he strides ahead... only for the water to melt into thin air. You might think our traveler was hallucinating, but mirages are a naturally-occurring optical illusion. All the observations that we make about the object are results of our eyes and brain working together. However, sometimes, the images that we see are perceived in a different way by our brains. These are known as optical illusions. There are many such examples that we can see in nature, like this one below where there is illusion of water on a coal tar road.



Optical illusions use light, patterns, and color to create images that trick your brain. Basically, the messages that your brain is sending you about the image is not what the eye is truly seeing. This can make it tricky for you to tell what is real and what is just an illusion. Sounds like magic, huh? Well, it's actually science!

Illusions are fun to look at and interesting to learn about as well. So let's get started. What do you observe in these pictures?



Answers:
 1. It is an optical illusion that makes colors look different depending on their relation to adjacent colors. It works with small sections of color while the opposite effect happens when contrasting large areas of color. The colour of red lines is same in both the cases but it appears darker when placed with black lines.
 2. This famous illusion appears to be both a duck and a rabbit depending on how you look at it.
 3. We observe a white vase or two identical black faces looking at each other.