

Brain Stations

Station 1

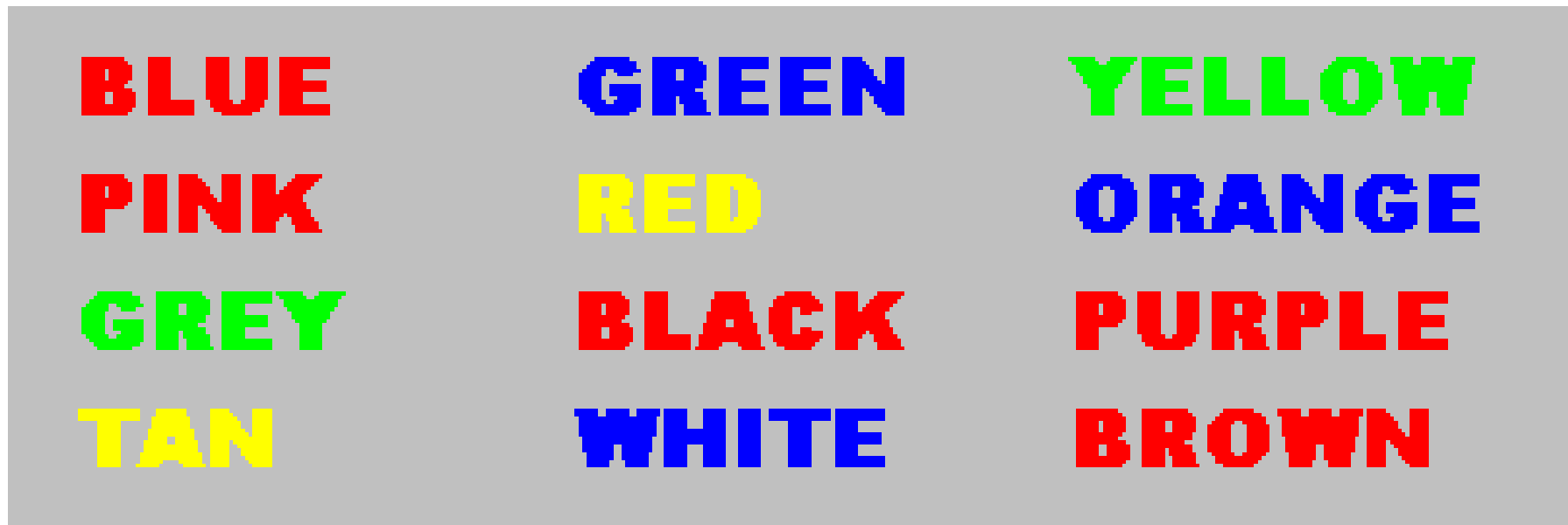
Complete each of the following tasks

1. Pretend to bounce a ball in the air
2. Write your name in the air
3. Take a step forward
4. Lift one foot
5. Cup your hand to your ear to listen

Write on your paper if you used your right or left hand and foot to complete these tasks.

Station 2

- This is the Stroop Effect (named after J. Riley Stroop)
- Name the **COLOR** of the words, do **not** read the word. See how fast you can do it correctly.



Write 1 sentence on your paper explaining if this was hard or easy to do.

Station 3

Read the paragraph.

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HMUAN MNID. Aoccdrnig to a rscheearch
at Cmabrigde Uinervtisy, it deosn't
mttaer in waht oredr the ltteers in a wrod
are, the olny iprmoatnt tihng is taht the
frist and lsat ltteer be in the rghit pclae.
The rset can be a taotl mses and you can
sitll raed it wouthit porbelm. Tihs is
bcuseae the huamn mnid deos not raed
ervey lteter by istlef, but the wrod as a
wlohe.

Interesting Note:

According to research at Cambridge University, it doesn't matter in what order the letters in a word are, the only important thing is that the first and last letter be in the right place. The rest can be a total mess and you can still read it without problem. This is because the human mind does not read every letter by itself, but the word as a whole."

Write your full name on your paper so that it matches the patterns in the paragraph (first and last letter in the right place with the middle letters mixed up).

Station 4

- Look at these letters for one minute and try to memorize them.
- After one minute of trying to memorize them, write on your paper as many as you can remember.

P-S-B-F-E-X-U-F-O-V-I-P-L-A

Station 4 (continued)

- Now the letters will be regrouped to give them meaning. You have one minute to study them again.
- After one minute, write as many as you can remember on your paper once again.

PS-BF-EX-UFO-VIP-LA

Station 4 (continued once again)

- How many did you get correct the second time?
- If you remembered more the second time, why?
- What other memory techniques can you think of? Write them on your paper.

Station 5

Look at the pictures below for one minute.



When the time is up, on your paper draw and/or list as many pictures as you can remember.

Station 6

- Look at the tray of objects.
- You have one minute to observe everything you can about the objects. You may not touch or move the objects.
- After the minute, write down a list of as many details as you can about what was on the tray. (Not only what was there, but descriptions of the objects.)

Station 6 (continued)

Now answer the following questions:

1. What brand is the glue stick?
2. What color was the highlighter?
3. What number was the die showing?
4. How big was the magnifying glass?
5. What color was the packing peanut?
6. What color was the rubber band?
7. Was the pencil sharpened or dull?
8. What color was the marble?
9. What brand was the gum?
10. What shape was the sticky note
11. Was the candles wick laying down or standing up?
12. What color was the push pin?

Station 7

- Take turns and clap your hands about two feet in front of your partner's eyes.
- Write down on your paper what happened when you did this.
- Have your partner squeeze their eyes shut for 30 second. After they open their eyes, look at the size of your partner's pupils (the dark center in the middle of the eye).
- Write down on your paper what happened to the size of the pupils when they opened their eyes.
- Switch places and repeat these steps.

Station 8

- Have your partner sit on a table and dangle their leg over the edge.
- Use your hand to tap just below your partner's knee. Write what happens on your paper.

- Have your partner stand in a doorway and press their hands against the sides of the doorway as hard as possible for 30 seconds.
- Have your partner step away from the doorway and relax their arms. Write what happens on your paper.

- Switch partners and repeat these steps.

Station 9

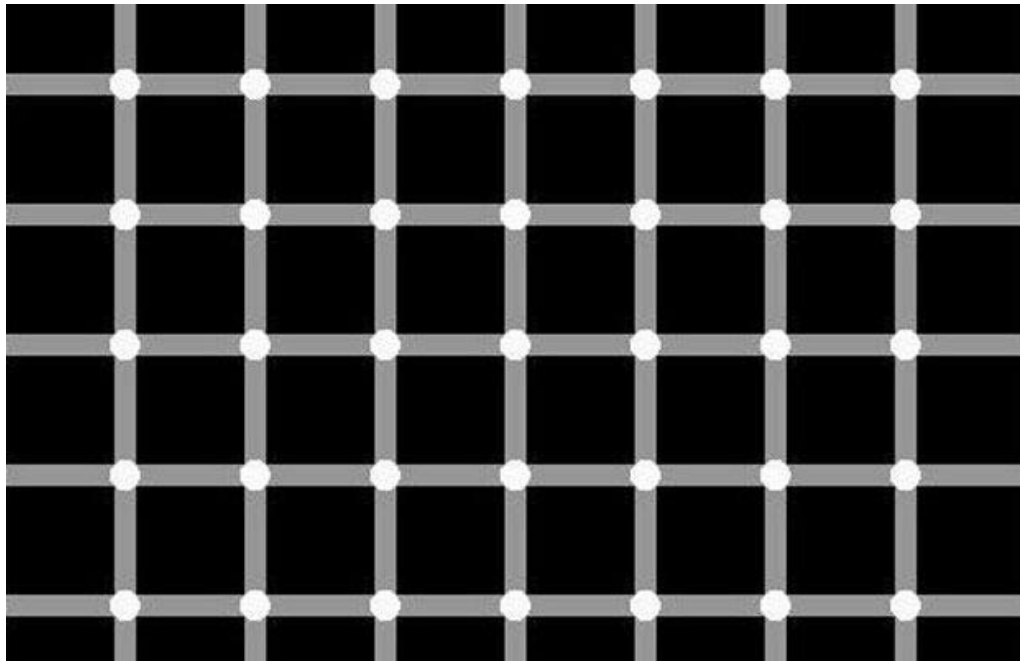


1. You need one ruler and two people.
2. The first person holds the ruler at the top at the end with the highest numbers (30cm) with their dominant hand (the hand they write with).
3. Have another person put his or her hand at the bottom of the ruler and have them ready to grab the ruler (however, they should not be touching the ruler).
4. Tell the other person that you will drop the ruler sometime within the next 5 seconds and that they are supposed to catch the ruler as fast as they can after it is dropped.
5. See which number the other person grabs the ruler at. Record your results on your paper.
- 6. Repeat the experiment 2 times then find the average**
7. Repeat steps 2 through 6 with the other partner.

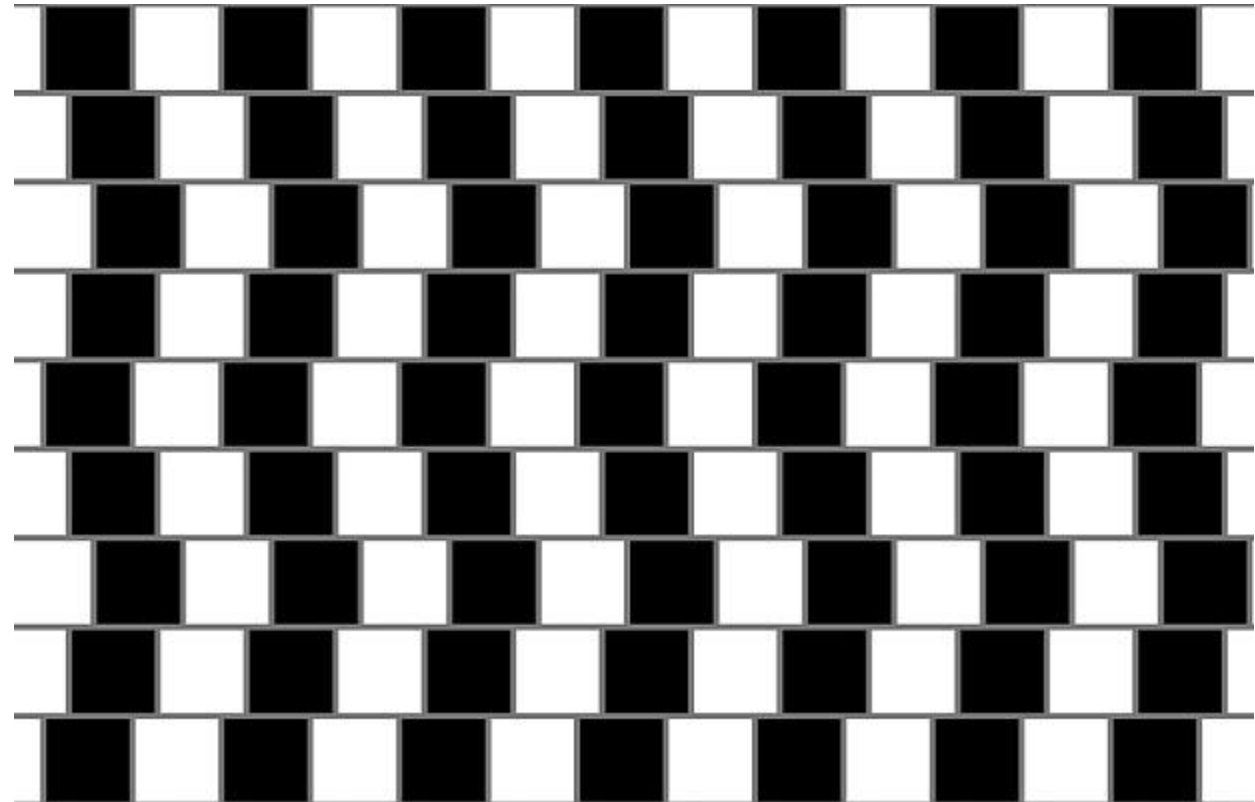
Station 10

Look at the pictures and then write what the optical illusion in on your paper. How does it effect your vision or what you are perceiving as happening?

1.



2.



Station 10 (continued)

3.



4.

