Instructions

Colorlink

Thanks for taking our study today! You'll be playing a game called Colorlink. The object of the game is to connect each circle to its matching color. Lines cannot intersect, and your lines must fill all the blank squares in order to complete a board.

Below is an example of a board being completed. Notice how there are no empty black squares left when the board is complete.
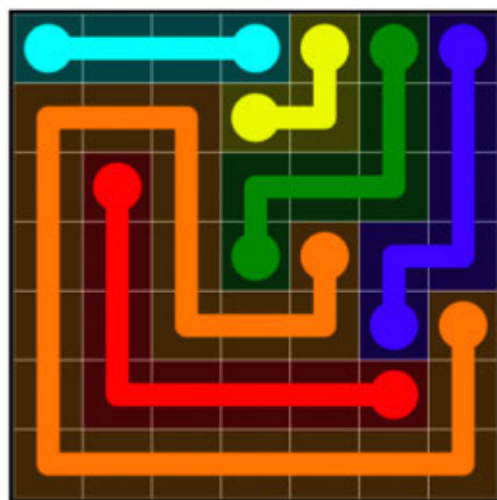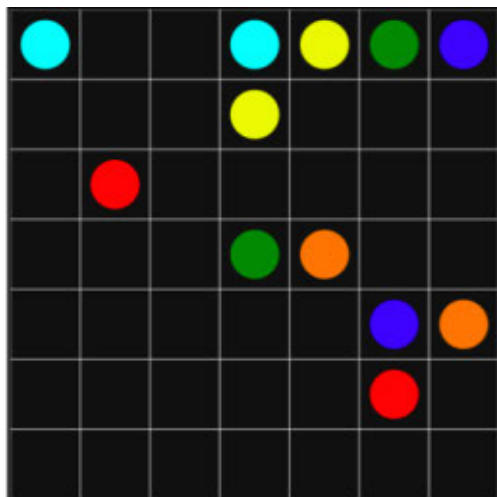

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Click Count: *0 clicks*

Please click below to continue when ready.

Teaching how to draw a line

To connect two circles, use your mouse to click and drag a line between them. When the board below loads, practice by connecting the orange circles.

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Teaching how to fill a board

When the board below loads, please connect the orange dots, but be sure not to leave any empty squares. If you make a mistake, you can undo it by clicking or dragging on existing lines to remove them.

Start!

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To continue, please enter or paste your Completion Code below.

Practice Board

Now that you know how the game is played, you will play a practice board on the next page. In the study, your score will be based on how quickly you complete each board, but this is just a practice round, so feel free to take your time.

Click to continue when ready.

Please play the practice level below!

Start!

To continue, please enter your Completion Code below.

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Pregame reminder

Thanks for completing the practice session! You are now ready to play the real game.

Keep in mind:
- Your goal is to complete each board **as quickly as possible**
- You must enter the **exact** completion code that appears after finishing the game into the text box below the game screen. Feel free to manually type it, or cut and paste using your keyboard and mouse.

You will play six boards today. Good luck!

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iud

Start!

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Click Count: *0 clicks*

To continue, please enter your Completion Code below.

[   ]

Thanks for completing that board! Click below when you're ready to continue.

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Click Count: *0 clicks*

hjt

Start!

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Click Count: *0 clicks*

To continue, please enter your Completion Code below.

Thanks for completing that board! Click below when you're ready to continue.

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Click Count: *0 clicks*

ypl

Start!

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Click Count: *0 clicks*

To continue, please enter your Completion Code below.

Thanks for completing that board! Click below when you're ready to continue.

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Click Count: *0 clicks*

sqt

Start!

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Click Count: *0 clicks*

To continue, please enter your Completion Code below.

Thanks for completing that board! Click below when you're ready to continue.

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Click Count: *0 clicks*

jfm

Start!

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Click Count: *0 clicks*

To continue, please enter your Completion Code below.

<div style="border:1px solid #000; width:50%; height:2em;"></div>

Thanks for completing that board! Click below when you're ready to continue.

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Last Click: *0 seconds*

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Click Count: *0 clicks*

Inc

Start!

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Click Count: *0 clicks*

To continue, please enter your Completion Code below.

Thanks for completing that board! Click below when you're ready to continue.

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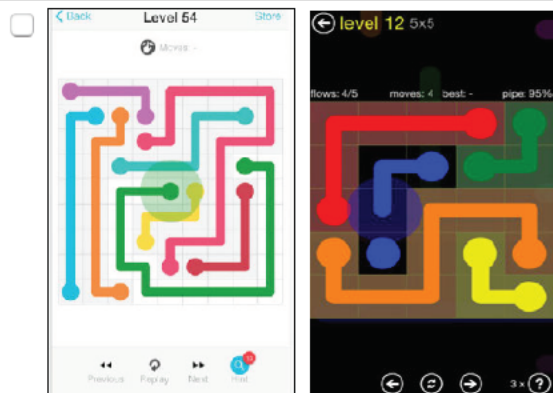Last Click: *0 seconds*

Page Submit: *0 seconds*

Click Count: *0 clicks*

Previous experience

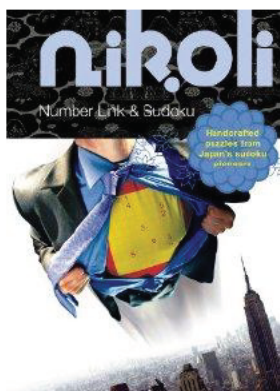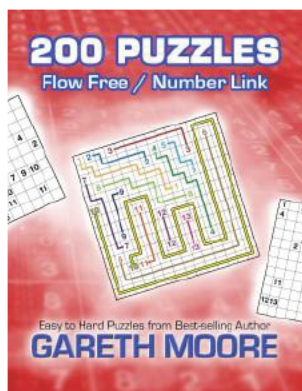### You've completed all the boards! Please click below to continue the survey.

The game you played today was called Colorlink, and involved matching pairs to each other by drawing lines. There are many versions of Colorlink, sometimes with numbers instead of colored circles.

Before today's study, have you played Colorlink before? (check any and all that apply)

Yes, I've previously played some version of Colorlink on my computer, phone or tablet. (ex: Numberlink, Draw the Line, Flow, Bridges)

Yes, I've previously played some version of Colorlink in puzzle books

☐ Yes, other:

[   ]

☐ No, I've never played any versions of Colorlink before today

You indicated that you've played some version of Colorlink before.

Before today's study, when was the most recent time that you played a version of Colorlink?

○ Within the last week

○ Within the last month

○ Within the last 6 months

○ Within the last year

○ Over a year ago

As best as you can recall, when was the first time that you played a version of Colorlink?

○ Within the last month

○ Within the last 6 months

○ Within the last year

○ Within the last 3 years

○ Within the last 5 years

○ More than 5 years ago

If you could have received some advice about Colorlink from a previous player, how helpful do you think that would have been?
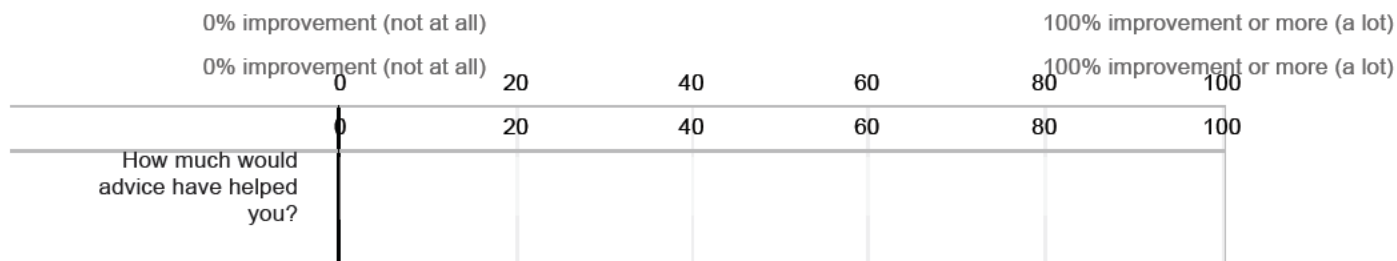
1 - Extremely unhelpful	2	3	4	5	6	7 - Extremely helpful
○	○	○	○	○	○	○

If you could have received some advice about Colorlink from a previous player, how much do you think that advice would have helped you improve in your performance in the game?

	0% improvement (not at all) 0	20	40	60	100% improvement or more (a lot) 80	100
How much would advice have helped you?						

How experienced do you think you were with Colorlink <u>before you took this study</u>, compared to most people?

○ I was less experienced than most people

○ I was as experienced as most people

○ I was more experienced than most people

How skilled do you think you were with Colorlink <u>before you took this study</u>, compared to most people?

○ I was less skilled than most people

○ I was as skilled as most people

○ I was more skilled than most people

How well do you think the average person does at the game you played today?

Average time to complete a board (in seconds)   [   ]

Demographics

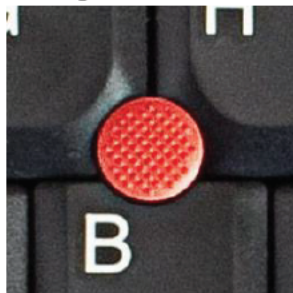## How are you taking this survey right now?

○ With a computer mouse

○ With a trackpad

○ Pointing Stick

○ Touch Screen

○ Other

[   ]

Earlier research on decision-making has shown that people vary in the amount they pay attention to these sorts of surveys. If you're reading this question, please answer it by selecting the option "other" and typing in the word "octopus." Thanks for your help, and for taking the time to carefully read each question.

○ Gender, marital status, and education

○ Sexual orientation, relationship satisfaction

○ Hobbies, favorite sports

○ Other

[   ]

What internet browser are you using?

○ Safari

○ Internet Explorer

○ Mozilla Firefox

○ Google Chrome

○ Opera

○ Other

[   ]

○ I'm not sure

Please answer a few more questions to conclude the study.

How old are you?

[_____]

Please indicate your gender:

○ Male

○ Female

○ Prefer not to answer

Do you have normal color vision? If not, please be specific about the nature of your color blindness (ex: red-green colorblind, blue-yellow colorblind, etc).

○ Yes, I have normal color vision

○ No (explain)

[_____]

Is English your only native language?

○ Yes

○ No, English is not my native language

○ No, I spoke English and other languages growing up

Since you indicated that you grew up speaking languages other than English, please tell us what language(s) you grew up speaking:

[_____]

What do you think this study was about?

[_____]

If you have any other comments about the study you took part in today, please tell us below:

[_____]

Credit code

Please click the arrow to submit your answers and receive your HIT credit code.

<u>Do not close this window</u> until you write down the code on the next page, or you will not be able to redeem your Amazon MTurk HIT credit.