Instructions

Today, you will be playing a word scramble game and then answering some questions about it. Please proceed to the next page to read the instructions.

These page timer metrics will not be displayed to the recipient.

First Click: 0 seconds

Last Click: 0 seconds

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#QuestionText, TimingClickCount#: 0 clicks

How to play WORD SCRAMBLE

The goal of the game is to find as many words as you can.

Rules:

Words can be made left, right, up, down, diagonally, or any combination of those directions.

You can't use the same tile twice in a word.

One- and two-letter words are not valid.

Proper nouns (names or places) are not valid.

You can submit any words you like, but you will only receive credit for valid words.

If you try to submit the same word twice, it will only count once.

In a few seconds, you'll be able to go to the next page, where you'll see a few examples to make sure that you understand the rules. Click the arrow to continue when it appears.

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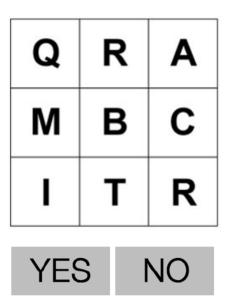
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Word Scramble Examples

Try each of these examples to practice the rules of the game.

Is the word "BAR" valid in this grid?



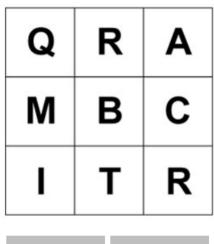
Is the word "CRAB" valid in this grid?

Q	R	A
М	В	С
I	Т	R

YES

NO

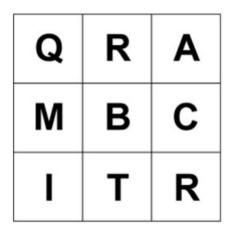
Is the word "BARB" valid in this grid?



YES

NO

Is the word "MAT" valid in this grid?



YES

NO

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practice

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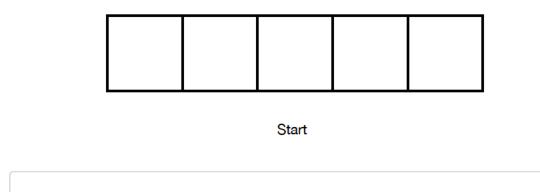
How to find words

To play Word Scramble, you drag the mouse across letters to spell words.

Click start to begin the practice board below! Find the word CAT.

When you're done, paste the completion code that appears the text box at the bottom of the screen to continue the survey.

Please note that the code that appears when you complete the round is <u>not</u> your HIT code. Your HIT code will only appear at the very end of the survey.



After finding the word CAT, paste your Completion Code into the box below to continue.

Great work! You'll play one round of Word Scramble today. Click below to continue.

eise

On the next page, you'll be playing Word Scramble. Drag your mouse through letters to spell words!

You'll have 1 minute to find as many words as you can. Go to the next page when you're ready to start!

These page timer metrics will not be displayed to the recipient.

First Click: 0 seconds

Last Click: 0 seconds

#QuestionText, TimingPageSubmit#: 0 seconds

#QuestionText, TimingClickCount#: 0 clicks

Click start to begin the board below! When you're done, paste the completion code into the text box at the bottom of the screen to continue.

Please note that the code that appears when you complete the round is <u>not</u> your HIT code. Your HIT code will only appear at the very end of the survey.

Time left: 60 s | Words found: 0 Start To continue the survey, please paste your Completion Code below. Thanks for completing this round! Click next to continue.

Evaluating Word Scramble Advice

advice_pre

Now that you have played the game, you are going to read some advice about it.

On the next few pages, you will read advice written by past participants in this study, who also played the Word Scramble game. You will then answer questions about that advice.

Please read the information below carefully!

- The people who wrote the advice had already played the game several times.
- The advice was written to help future participants do as well as possible in the game.
- Each piece of advice you read was written by one past participant.

In a few seconds, you will be able to proceed to the next page and read the advice. Please take time to review the instructions above, and make sure that you understand them completely.

These page timer metrics will not be displayed to the recipient.

First Click: 0 seconds

Last Click: 0 seconds

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Advice

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"try to look for three letter words since they are easy to find"

How would receiving this advice affect the person's performance on the task?

	It would make		It would make			
It would make	their	It would make		It would make	their	It would make
their	performance	their	It would not	their	performance	their
performance	somewhat	performance	affect their	performance	somewhat	performance
much worse	worse	slightly worse	performance	slightly better	better	much better

Imagine	that a	future	participant	played	Word	Scramble	once	and then	read the	following	advice
about th	ne game	э:									

"look for easy words, dont try to over think."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for sequences of letters that likely indicate a word can be formed. Try and find what words you can from these sequences. Sequences include such letter combinations as SE, TA, LA, PL, CH, etc. Keeps going from letter sequence to letter sequence. Look to form both singular and plural forms of a word if you can."

How would receiving this advice affect the person's performance on the task?

	It would make	!	It would make			
It would make	their	It would make		It would make	their	It would make
their	performance	their	It would not	their	performance	their
performance	somewhat	performance	affect their	performance	somewhat	performance
much worse	worse	slightly worse	performance	slightly better	better	much better

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"My only advice is to make sure that you understand what you need to do with your

mouse when clicking and holdling to select the letters."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Just go as fast as possible. Try to remember words you have already entered to save time."

How would receiving this advice affect the person's performance on the task?

	It would make)	It would make			
It would make	their	It would make		It would make	their	It would make
their	performance	their	It would not	their	performance	their
performance	somewhat	performance	affect their	performance	somewhat	performance
much worse	worse	slightly worse	performance	slightly better	better	much better

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"try to find a constanant with a vowel, and work from that."

How would receiving this advice affect the person's performance on the task?

It would make It would make It would not It would make It

performance somewhat somewhat performance performance performance much worse worse slightly worse slightly better better much better Imagine that a future participant played Word Scramble once and then read the following advice about the game: "Try to find small words that can be changed slightly to create many works - like pit, pat, pits, pats, etc. Once you click a letter, you can't un-click it, so be careful. If you can't remember if you have already spelled a word, try anyway - you won't be penalized." How would receiving this advice affect the person's performance on the task? It would make their their It would not their performance their their performance their performance affect their performance somewhat performance performance somewhat slightly worse performance slightly better better much better much worse worse Imagine that a future participant played Word Scramble once and then read the following advice about the game: "You can always get two words from something if you have an "S" to plural it first. " How would receiving this advice affect the person's performance on the task? It would make It would make It would make It would make their It would make their It would make their performance their It would not their performance their performance somewhat performance affect their performance somewhat performance much worse slightly worse performance slightly better better much better worse

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

- "1. Look for words all in one row first
- 2. The same words seem to appear across multiple boards
- 3. Keep it short, focus on three letter words.
- 4. Look at the vowels and see if you can build around those"

How would receiving this advice affect the person's performance on the task?

	It would make)		It would make			
It would make		It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance		performance		performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"One things is too look for words and see if you can make them plural. Rat can be come Rats, so you can essentially double up word counts just by adding a letter."

How would receiving this advice affect the person's performance on the task?

	It would make)	It would make			
It would make	their	It would make		It would make	their	It would make
their	performance	their	It would not	their	performance	their
performance	somewhat	performance	affect their	performance	somewhat	performance
much worse	worse	slightly worse	performance	slightly better	better	much better

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"My advice and only advice would be to never focus on one letter or set of letters. You have to look at the whole board."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Don't release the mouse button, doing so would enter in your incomplete word! "

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Make us of the letter s when it appears. Remember that words can be made in any order."

How would receiving this advice affect the person's performance on the task?

It would make It would make It would not their their their affect their their

somewhat somewhat worse better Imagine that a future participant played Word Scramble once and then read the following advice about the game: "Think small and don't overthink when it comes to combining words." How would receiving this advice affect the person's performance on the task? It would make It would make It would make their It would make It would make their It would make their performance their It would not their performance their affect their performance somewhat performance performance somewhat performance slightly worse performance slightly better much worse worse better much better Imagine that a future participant played Word Scramble once and then read the following advice about the game: "My advice to you is just to start picking letters the words will begin to flow as you start playing the game don't get distracted by not finding any words to begin with after a few seconds they will begin to pop out at you " How would receiving this advice affect the person's performance on the task? It would make It would make It would make their It would make It would make It would make their It would not their performance their their performance their performance somewhat performance affect their performance somewhat performance slightly worse performance slightly better much better much worse worse better

"Just clear your mind. Think what letter could come next in a word and look for it. Have fun!"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Make small words. Try to use variations of the same word bases for, fore, ford, fords, etc"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

- "1. Look for vowels. All words need one.
- 2. Work around a single vowel until you have found all words with that vowel.

3. YOu might start with vowel on top of board. Then move to another vowel on bottom of board to make sure you do not duplicate."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Be careful dragging the cursor in this game. It is not very accurate. Also, it does not matter how long the words are. For maximum points, stick to 3-letter words if possible."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"You'll be surprised at how many words you can find. Going diagonally then across and then down, I found up to six letter words. It's pretty fun to try to find the longest word."

How would receiving this advice affect the person's performance on the task?

It would make It would make It would make It would not It would make It would make It would make their their their affect their their their their performance performance performance performance performance performance much worse somewhat slightly worse slightly better somewhat much better better worse

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for an "s" or an "ed" to be able to attach onto words to make them plural or the past tense. Look for "ly" to make a lot of adverbs. If you want to have the most words, focus on shorter words as opposed to longer words (something I didn't really do)."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Try to focus on the vowels. Notice where the A E I O U's are to help get an idea of what words you can make. Be aware of were S's are, they are a good way of turning 1 word into 2 using a plural."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

"Just take your time and try to find as many words as possible. Lots of words can be spelled forward and then a new word can be used using the same word backwards."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for short words, at least three letters, as longer words don't give you more points. Look around vowels because almost all words have vowels in them, especially short words. The type of words you'll find will generally be consonant-vowel-consonant."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"I started by looking for words that were already spelled out either vertically, horizontally, or diagonally. Once I did that I just started in the top left corner by letter and tried to make words from there. If I could not I moved down to the next letter and repeated that same strategy. Also the game seems to accept the plural and singular form of the words so make sure to use both!"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Words are centered around the vowels. Try to use as many plurals as possible."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"My advice would be to take your time when highlighting letters to make sure they all turn red and you won't have to go back, ultimately wasting time."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Write down the words you have already used. This will make it easier for you not to waste time trying to use the same word when you're stumped and can't find new ones."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"look for letters that are next to vowels or common consonant combinations like "st" or "th." Rember that 3-letter words are acceptable and often you can then make 4-letter words with the same 3 letters. Sometimes you can make 5-letter words with 4-letter words you have made by adding an "s." Avoid rarely used letters like "x.""

How would receiving this advice affect the person's performance on the task?

It would make It would make It would not It would make It

Qualtrics Survey Software performance somewhat performance performance somewhat performance much worse worse slightly worse slightly better better much better Imagine that a future participant played Word Scramble once and then read the following advice about the game: "Go fast. Look for plurals. Look for the most obvious straight lines first." How would receiving this advice affect the person's performance on the task? It would make It would make It would make their It would make It would make their It would make It would not their performance their their performance their performance performance affect their performance somewhat performance somewhat slightly worse performance slightly better much better much worse worse better Imagine that a future participant played Word Scramble once and then read the following advice about the game: "Try to look at the whole puzzle and look for bits of words that you may know. Try not to go letter by letter, it will only slow you down." How would receiving this advice affect the person's performance on the task? It would make It would make It would make their It would make It would make It would make their

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"I suggest you keep you finger down on the mouse as you are sliding as mine kept slipping and i had to tart over. You may also be on the lookout for plurals as I found quite a few. Also move quickly as that 1 minute flies by!!"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Don't just think about a letter a word starts with - think about suffixes and prefixes, for example, words that end in -ix, -ing, or start with re-

Look for plurals and past tenses, words that end in -ed or -s, -es

Don't forget to look diagonally and backwords!

Words within words count! eat, seat, eats, seats

You may get extra points for obscure words. Be well-read to improve your score!"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

"Word length doesn't matter. A three-letter word will give one point, just like a six-letter word. Go for the simpler words. That way you can get more short words in a minute than wasting time looking for longer words."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make		It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Try and make several words out of the word you just got. Also see if it spells something backwards. Making one word seems to help the fluid-ness of finding the next. It will also help to try a couple different strategies while playing and seeing which one works best for you."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"The tiles are sensitive. If you accidently click a tile you weren't intending to click, its better to come up with a new word rather than waiting, and perhaps mis-clicking to get the word you were intending to get."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Go for simple words starting with consonants. Move the mouse slowly and consistently. If it highlights a wrong letter, try clicking on the letter to start over."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"My advice would be to see if you can make your word plural. so you can make two words"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"What helped me the most was by looking at the vowels and seeing common constants that I could make alot of words out of and sometimes I would take words and see if I could reverse any of the letters to make a new word."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Don't panic! Find compound words and be sure to look for suffixes and prefixes to help get a lot of words quickly. Also, give yourself a minute to look for opportunities to make a lot of short words together."

How would receiving this advice affect the person's performance on the task?

It would make It would make It would not It would make It

performance much worse	somewhat worse	performance slightly worse	\circ	performance slightly better	somewhat better	performance much better	
Imagine that a sabout the game		oant played Wo	rd Scramble o	nce and then re	ead the followi	ing advice	
"My advice is	to concentr	ate on short v	vords, that w	ay you'll find ı	more of then	n."	
How would rece	eiving this ad	vice affect the p	erson's perfor	rmance on the t	ask?		
It would make	t would make their performance somewhat worse	It would make	It would not affect their performance	It would make their performance	It would make their performance somewhat better	It would make	
Imagine that a sabout the game		oant played Wo	rd Scramble o	nce and then re	ead the followi	ing advice	
"Be as focused as you can. Quiet room. Start with 3 letter word. Check if a 4th letter like s can be added to make plural, etc."							
How would rece	eiving this ad	vice affect the p	erson's perfor	rmance on the t	ask?		
It would make	t would make their performance somewhat worse	It would make their performance	It would not affect their performance	It would make their performance slightly better	It would make their performance somewhat better	It would make their performance much better	

"Look for short words. If there is an s, er, or ed available look to make combinations like plurals and tenses. Controls are tricky, be patient."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"The only advice I can give is try to think fast and try to think of words that are more than 3 letters. A lot of the words I found were actually very long and take a a lot of thinking to map out on the board. Remember that the letters just need to be touching"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"It is difficult to choose letters in a row"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance much worse		performance slightly worse					

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"I would suggest looking for "s" in the grid so you can make plurals of the same words. Also If you see letters such as "eed" together, you can look for letter to make word with it, like seed, weed, reed, feed. These are a couple quick tips to get more words"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Try to focus on a small section of letters to find words for awhile. This can help you spark ideas to find more words without having to search the whole board at once, which can slow you down."

How would receiving this advice affect the person's performance on the task?

It would make It would make It would not It would make It

performance somewhat performance much worse worse slightly worse slightly better performance somewhat performance slightly better better much better

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"The only advice I could think of is, don't panic! And if you start making a word that isn't one, just keep on as quickly as you can. If you mess one up, shake it off and you'll do better the next one. It IS only a game."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Ok, first of all pay close attention! It seems easier than it actually is. If you see a word that you can make, but you have to drag back the other way it will NOT let you, so that word will not work. So lets say the word is work and -w-o-r and k is on the other side you cannot drag back. Find one letter and look all ways to see if it can make a word, then move on to another."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

"Don't be concerned about making long words with more letters, all words are worth 1 point. Still use the plurals though - leap as well as leaps - whenever possible for more points."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"You will have a time limit to find words so be as quick as possible.

Even short words qualify.

The same words qualify as long as you use different letters in the block."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Keep your fingers moving; look for common suffixes, e.g., -ear, -art, -are so that you can add a letter before them (e.g., -art, could be dart, part, etc); continuously scan back and forth, up and down. Make sure your touch pad or mouse are smooth and easy to use so you don't accidentally flow onto a letter you don't want because you can't go backwards. If you see a Q but no U, obviously don't click on it. Scan for common letters as well. Look for the most commonly used words, like "and". Most importantly, the more you play, the better you will get. And take your time - if you rush, you'll be putting pressure on yourself and you will not find as many words as you are capable of."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their			It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Try to focus on small words that are three or four letters long because you should be able to find those quicker. Try to focus on the vowels because if I'm not mistaken most words have vowels. Also, try to scan in all different directions to try to put a short word together."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

"First, look for small (3-letter) words. When you find a word, see if you can extend that word with one more letter, especially with an S; also look for the ED inding to extend verbs. For example, TEA can be extended to TEAR or TEAM; TEAR can be extended to TEARS; EAR can be extended to SEAR. You can also scramble letters of the same word; or example, EAST can become SEAT and TEAS."

How would receiving this advice affect the person's performance on the task?

It would make				It would make		
It would make	their	It would make		It would make	their	It would make
their	performance	their	It would not	their	performance	their
performance	somewhat	performance	affect their	performance	somewhat	performance
much worse	worse	slightly worse	performance	slightly better	better	much better

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for vowels to begin and then use the letters around the vowels to make words. Use an s around the same words to make the word twice with one being plural."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Make sure your mouse is on the correct letter before you start making your word. Make sure you look for plurals. For every word you find, see if other words can be found in it, like by reading the word backwards."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for all versions/tenses of a specific word. For example, if you see "TALK", also look to see if you can find "TALKED". Between scramble boards, look to see if there are repeat words. That is, some of the words you found in board 1 might also be in board 2 or 3. Rather than pick a letter and search for nearby options, loosen your focus and look for general word patterns over the whole board."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Know your word before you click, know how to spell it as well. If you don't this slows

down your game, reducing the amount of time you have left. Good luck!"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"When making words try to make longer words, not just 3 letters."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look the easy words like "sea" "set" "test" sometimes u can click them more then 1. "

How would receiving this advice affect the person's performance on the task?

It would make It would make It would make It would not their their their affect their thei

somewhat somewhat worse better

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"When trying to find a word, look for consonants next to vowels. Some 3-letter words can become 4-letter words as well."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

" Take your time clicking on the letters to make a word. Be careful not to click on letters that would make your word invalid. Don't pay attention to the clock or the number of words you have created as it might distract you or make you nervous. Try not to focus on making big words, just try to focus or creating as many words as quickly as possible for points."

How would receiving this advice affect the person's performance on the task?

It would make their their their performance their It would not their performance their affect their performance performance somewhat performance somewhat performance slightly worse performance slightly better much better much worse worse better

"You should not worry too much about getting longer words, since they don't count for more points. Find three letter words and if possible add an "s" on to the end or beginning. Do a lot of work around the "s". Try to start with one letter until it's exhausted so you don't forget where you've been."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for easy pluralizations for that may boost the number of words that you find; for example, 'cat' and 'cats'. Time goes quickly!"

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"I would say the best bet is to look for the smaller words first, and then build on them. For example, find "eat" and then "eats". Use as many variations of the same small set of letters as possible until you've exhausted all possibilities."

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat			performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"First, look for basic words. When you find these basic words, look for plurals, past tense, variations, etc. This is a quick way to rack up points.

Look for vowels. You can not make words without them, so find where they are in relation to consonants and map out words accordingly.

Look for popular letters that are combined. Things like TH-, ST-, etc., are the beginnings and ends of a wide variety of words. "

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance		performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for words in the puzzles, then drag your mouse to form words. You can not use the

same word twice. Each word must be at least 2 letters. You can drag the mouse vertically, horizontally and diagonally to form the words. Your goal is to form as many words in one minute."

How would receiving this advice affect the person's performance on the task?

	It would make			It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat performance			performance	somewhat	performance		
much worse	ich worse slightl		performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Here's some advice for how to do well on the Word Scramble game. Look quickly for the available vowels in the game. Then look for consonants that are adjacent to the vowels. Try to scan the letters as quickly as possible to come up with words. Keep a mental track of the words you have already identified, as you will not get credit for duplicate words. Try to stay calm and not get flustered as the time ticks down. Just keep scanning the letters in all directions looking for new words until time runs out."

How would receiving this advice affect the person's performance on the task?

	It would make			It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat performance			performance	somewhat	performance		
much worse	ich worse slightl		performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"The most important thing is to not just sit by and stare at the board. You need to take the

first few seconds to look at all the letters but then you need to just begin moving. If you just sit there looking at all the letters you can end up feeling overwhelmed and lose time on making words. Next, you do not need to make complex, long words. You are looking to get points for creating as many words as possible. Therefore, the best advice is to begin right away by looking at one letter and branching off to see what words you can create. It is usually better to begin by looking at a consonant and looking at nearby letters to see all the words you can create. And you just begin by creating words. Overall, the best advice is to not get lost staring at the box. Second, begin right away and start looking for easy words you can create. Get in a rhythm and the words will start flowing out. "

How would receiving this advice affect the person's performance on the task?

	It would make	1		It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat	performance	affect their	performance	somewhat	performance		
much worse	worse	slightly worse	performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Place the cursor on the beginning letter of the word you want to make. Hold down click and drag it to the other letters of the word. Make sure that all of the letters are touching, they have to be together in the game."

How would receiving this advice affect the person's performance on the task?

	It would make		It would make				
It would make	their	It would make		It would make	their	It would make	
their	performance their li		It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Look for small words first. Look for words within words. Look for words similar to the ones you just found. Stick to one area as long as you're finding words quickly. Look for words that end in -ed or -s if they're on the board. Stick to areas that have letters that are common."

How would receiving this advice affect the person's performance on the task?

	It would make)		It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat	performance	affect their	performance	somewhat	performance		
much worse	worse slightly worse		performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Try and look for the plural of a word that you find, or if it's possible to add an 'ed' to the end to get multiple points for a the same base word. Also, make sure you don't rush so you're careful in choosing where you click your mouse, because if you rush and start on the wrong letter then it wastes time."

How would receiving this advice affect the person's performance on the task?

	It would make)		It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat	performance	affect their	performance	somewhat	performance		
much worse	e worse slightly worse		performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"Make sure You click on the corner or edge of the tile, if not the game wont accept it and then You get a sorry and look like a complete idiot for makeing a stupid word."

How would receiving this advice affect the person's performance on the task?

	It would make			It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat	somewhat performance		performance	somewhat	performance		
much worse	worse slightly worse		performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"look for the vowels look for words that you can build on go with your instinct"

How would receiving this advice affect the person's performance on the task?

	It would make	•		It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat performance		affect their	performance	somewhat	performance		
much worse	worse	slightly worse	performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

"be precise in how you move your mouse around the boxes. if you hit the wrong box you have to start over in selecting the word. when you are working on a time limit that can hamper you."

How would receiving this advice affect the person's performance on the task?

It would make their performance much worse	It would make their performance somewhat worse	It would make their performance		It would make their		It would make their
lmagine that a about the gam		ant played Wo	rd Scramble o	nce and then re	ead the followi	ng advice
"Build your v	ocabulary "					
How would red	eiving this adv	vice affect the p	person's perfor	rmance on the	task?	
It would make their performance much worse	It would make their performance somewhat worse	It would make their performance		It would make their		It would make their
lmagine that a about the gam		ant played Wo	rd Scramble o	nce and then re	ead the followi	ng advice
"Make sure t angle."	o start with e	asy words wi	th few letters	s first and look	at the board	d from every

How would receiving this advice affect the person's performance on the task?

It would make It would make It would make It would not their their their affect their their their performance performance performance slightly worse slightly better It would make It wo

somewhat somewhat better

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

- "- You CAN make the same word twice, just not with the same letters. If you have two of the letter "s" next to each other and can connect them to the same word twice, do it.
- Don't worry about longer words until later in the game, focus on short quic"

How would receiving this advice affect the person's performance on the task?

	It would make)		It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat	performance	affect their	performance	somewhat	performance		
much worse	worse	slightly worse	performance	slightly better	better	much better		

Imagine that a future participant played Word Scramble once and then read the following advice about the game:

If you're actually reading this question, please select the middle option ("It would not affect their performance") as your response. Thank you for reading all the questions carefully.

How would receiving this advice affect the person's performance on the task?

	It would make	•		It would make				
It would make	their	It would make		It would make	their	It would make		
their	performance	their	It would not	their	performance	their		
performance	somewhat	performance	affect their	performance	somewhat	performance		
much worse	worse	slightly worse	performance	slightly better	better	much better		

Imagine	that a	future	participant	played	Word	Scramble	once	and t	then	read th	ne i	following	advice
about th	ne game	e:											

If you're actually reading this question, please select the middle option ("It would not affect their performance") as your response. Thank you for reading all the questions carefully.

How would receiving this advice affect the person's performance on the task?

It would make				It would make			
It would make	their	It would make		It would make	their	It would make	
their	performance	their	It would not	their	performance	their	
performance	somewhat	performance	affect their	performance	somewhat	performance	
much worse	worse	slightly worse	performance	slightly better	better	much better	

previous experience

Thanks for participating in this study! We have a few more questions before you go.

The game you played today was called Word Scramble, also known as "Boggle." Have you played this game before today, either on or off of the computer?

\bigcirc	Yes,	I've	played	some	version	of t	this	game	before
------------	------	------	--------	------	---------	------	------	------	--------

No, I've never played any version of this game before

I'm not sure

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

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

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 Word Scramble?
○ 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
<u>Approximately how often</u> do you play word-finding games like Word Scramble? (others include Scrabble, Bananagrams, etc)
A few times a week
A few times a month
A few times a year
Less than once a year
I never play word-finding games
How experienced do you think you were with Word Scramble <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 Word Scramble <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 on one round of the game you played today?

Average number of words found in 1 minute



demographics

How are you taking this survey right now?

With a computer mouse







○ Touch Screen
Other
What internet browser are you using?
○ Safari
Internet Explorer
○ Mozilla Firefox
○ Google Chrome
○ Opera
Other
○ I'm not sure
How old are you?
Please indicate your gender:
○ Male
○ Female
O Prefer not to answer

Previous work in behavioral decision-making has shown that people vary in the amount they pay attention to these sorts of surveys. If you're actually reading this question, please answer it by

selecting the option "other" and typing in the word "trout." Thanks for your help, and for taking the time to read all of the questions.
Gender, marital status, and education
Sexual orientation, relationship satisfaction
 Hobbies, favorite sports
Other
Is English your native language?
Yes, I only spoke English growing up
Yes, I spoke English and these other languages growing up:
No, English is not my native language. My native language is:
Did you encounter any errors, glitches or other problems taking this survey?
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:

13/2019	Qualtrics Survey Software	
		//

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.

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