**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Shorter ones A.
Longer ones B.

[4/10 thought was right.

6 but thought was too easy.

Did you try various strategies? Or respond randomly?

Just worked on lengths.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.
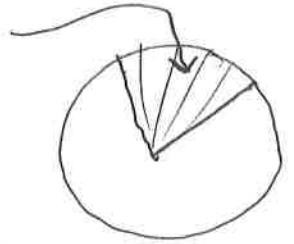
Bewilderment. No sence of frustration, but it
Did Make me a little sleepy.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Yes. Anything really long was in B, but things that were short enough and within this sort of area were in A



Did you try various strategies? Or respond randomly?

I began trying depending on angle of line, and eventually realised long lines within the A 'section' belonged in B.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Yes - about half way through in the test trials I quite enjoyed getting a lot of them right.

Any further thoughts?

If this strategy was correct, it was quite possibly influenced by people talking about techniques for the same experiment.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Eeny meeny miney mo.
- different maths patterns – 1, 1,2, 1,1,1,2,3 etc.
- seeing it as a clock and A being even and B being odd.
- not thinking and just pressing
- generally random.

Did you try various strategies? Or respond randomly?

- random / various strategies!

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

· frustration a couple of times when thought detected pattern but was quickly shown to be wrong.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

A : shorter line, less than $20/25°$ angle to right

B : If longer line can be less than $20/25°$ angle to right, shorter line needs $20/25° +$

Did you try various strategies? Or respond randomly?

With feedback rounds paid attention to incorrect answers.

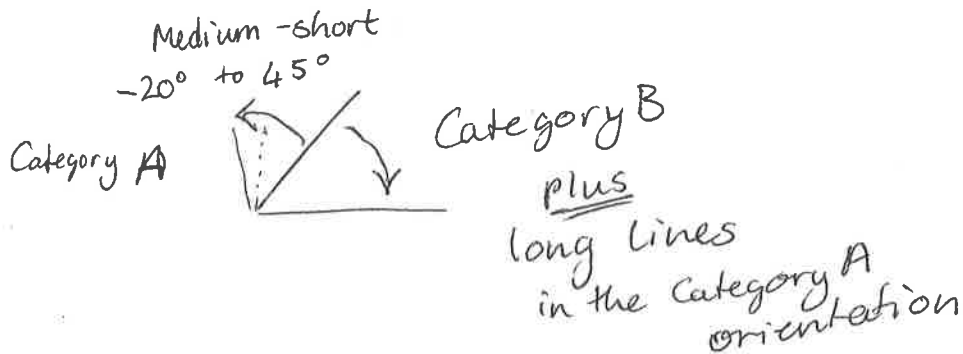Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Boredom half way through!

~~[scribbled out]~~

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Medium -short
-20° to 45°

Category A

Category B
plus
long lines
in the Category A
orientation

Did you try various strategies? Or respond randomly?

Started with angle categories
and then paid attention
to aspects of the exceptions

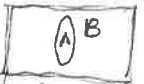Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Started to get the right
answers in the 2nd practice
block.
But later - total
snow blindness!

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Not really. Seems to be a combination of length & orientation but not sure what. Thought it was something like [ A (B) ] but some quite long 45° thing were A. [ (A) B ]? But that doesn't really fit either. [ A (B) ] might fit some, too, but a couple of v. short Bs, too.

Did you try various strategies? Or respond randomly?

No & No. Tried to spot a pattern in training block but struggled to link letters with right picture

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

No & sort of. Frustration was mainly at being unable to use training data effectively (poor memory?) I think that if I'd been able to view all training lines at once it would have been relatively trivial.

Any further thoughts?

There is a certain amount of pushing the other button to the one I intended — hopefully not too much!

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Angle e variation from previous.
Length of line

Did you try various strategies? Or respond randomly?

yes (and yes)

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

The last set of tests with feedback

Any further thoughts?

I eventually learned not to try too hard to think about it.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

I decided that the angle of the line determined the category i.e.

B ↙ |A/ B

Did you try various strategies? Or respond randomly?

I responded closest to what category I thought the line was in.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I felt frustrated during the training blocks when I kept getting them wrong!

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

lines left of a certain angle were generally in Cat A
lines right generally in cat B.
Although i thought that longer lines were in cat B
and shorter lines in A

Did you try various strategies? Or respond randomly?

Strategy as above

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement when i thought that i had found a rule
for ~~doing~~ sorting the categories.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

More    upright    more    likely    to    be    A

too    long    =    B
anything    else    =    B.

Did you try various strategies? Or respond randomly?

Couldn't    work    out    whether    ones    beyond    vertical    were    A or B
so    guessed on    same    conditions    regardless    of    direction.

Was there a point where you experienced a sense of achievement? Or  frustration? Please describe.

Once    I'd    seen    enough    practice    results    to    confirm
my    theory.    I    had    a    sense    of    achievement.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Yes, I decided dependant upon the size & angle of the line

Did you try various strategies? Or respond randomly?

I pretty much only used that one. Sometimes, I responded randomly

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Not particularly.

Any further thoughts?

Nope

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Based on how steep the angle was / how fuzzy the line was

Did you try various strategies? Or respond randomly?

I started off with angle, moved onto looking for fuzziness and tried to remember ~~which category~~ which category previous lines belonged to.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement when I was told I was right, but frustration when I wasn't sure whether or not I was right.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Generally Category A seemed to be ~~different~~ less than 45°

Did you try various strategies? Or respond randomly?

I tried to adapt and modify my existing strategy in each trial block. I didn't try to guess at random, I knew there must be a pattern.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I had frustration ~~often~~ at thinking I had a correct strategy and then the trial session would say that a line was actually in a different category. Also my fingers would often react quicker than my brain could tell then they were wrong.

Any further thoughts?

when I thought about it I think I did worse than when I just went with the flow.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Category A = shorter lines angle ⟋ or less

Category B = line angle ⟋ or more but, any angle i.e longer than ⟋

Did you try various strategies? Or respond randomly?

Tried the above strategy.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration when the line was mid length and in the angle where I was not sure.
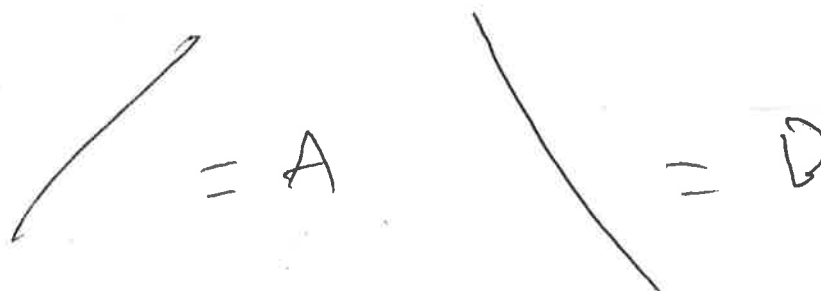
Any further thoughts?

Thanks, fun experiment! Good luck :)

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

/ = A      \ = D

Did you try various strategies? Or respond randomly?

YES   I TRIED TO LEARN THE PATTERNS BUT COULDN'T REALLY SEE ONE UNTIL NEAR THE END

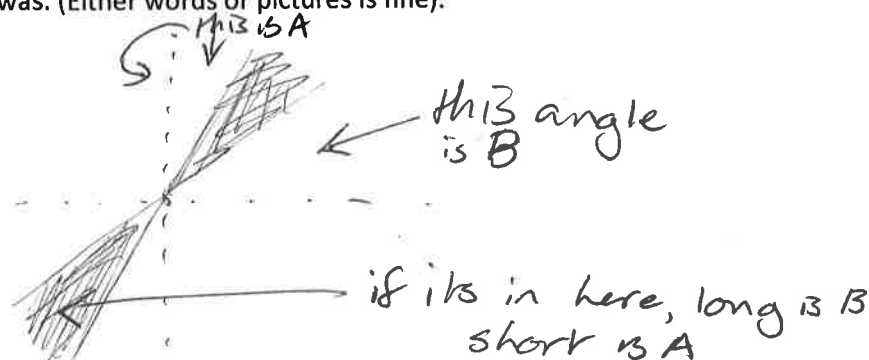Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I FOUND PRETTY MUCH THE WHOLE THING FRUSTRATING

Any further thoughts?

IT HURT MY EYES

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

this is A

this angle is B

if its in here, long is B
short is A

But I think I'm missing something...

Did you try various strategies? Or respond randomly?

started randomly, settled on the above method. tried to revise using the bounding box of the line i.e.

these lengths.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

frustration if the line was in the shaded region

Any further thoughts?

**DEBRIEF SHEET**
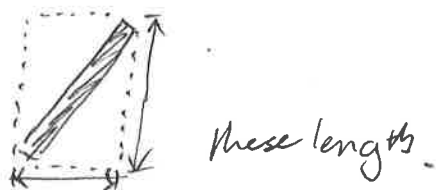
Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

generally :   /   A.

              —   B.

Did you try various strategies? Or respond randomly?

tried memorising from training rand exact ones.
also responded randomly at some stages.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

No.

Any further thoughts?

— .

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Left longer for 'A's and Slightly Shorter for B's.
Then random guessing!

Did you try various strategies? Or respond randomly?

Same as above.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement when I thought the strategy was working, then frustration when I realised it wasn't!

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Angles of the line ~~was~~ ~~see~~

Did you try various strategies? Or respond randomly?

tried ~~first~~ by using angles

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

achievement when I thought my guess for ~~decision~~ which line in which categories was right, frustration when it's incorrect.

Any further thoughts?

—

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

A = Short lines and anything pointing 3 oclock backwards
except some longer lines which appear to shut at
a lower point on the screen.
B = generally any line closer to the horizontal.

Did you try various strategies? Or respond randomly?

Tried to follow the "rule" I had created but got
confused when it didn't work — then couldn't remember
it how to encompass that "error" in future
decision

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Yes, when my rule worked or when I realised
there was a "red herring" & I guessed right.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

CAT A

- Smaller
- Closer to the centre

CAT B

- Bigger
- More to the right

Did you try various strategies? Or respond randomly?

- At first randomly
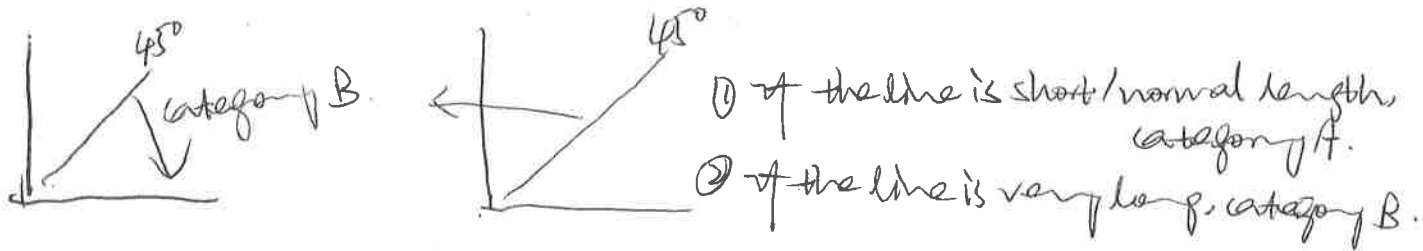- Then started to figure it out

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration → thought I wasn't getting it, until the end.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).



① If the line is short/normal length, category A.

② If the line is very long, category B.

Did you try various strategies? Or respond randomly?

I respond randomly for the first trading block and found an approximate pattern.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I had a sense of achievement when I started to get most of them right according to the feedback in the trading blocks. But at the same time a bit frustrated because it got less and less challenging.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

I had no Strategy Just had an guess and what I could remember

Did you try various strategies? Or respond randomly?

Mainly randomly because any strategy I could think of would be too give me no more accuracy of that of a lucky guess

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I had no sense of achievement or frustration by the end as I knew there was no way I would get them all wright

Any further thoughts?

No

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Category A = more upright ^But with Longer lines going into category (B)!

Category B = more horizontal.

Did you try various strategies? Or respond randomly?

Took a while to notice any strategy, so yes random responses was common!

Also, concentration and/or inability to decide on strategy, ^often made my choices random

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

On the trials, as it went on, more frustration.

sense) achievement came with the non-trail chapters.
^(But also, when realised (being told) I'd got it wrong, it injected a sense of frustration)

Any further thoughts?

Because of the speed of the programme, I think it made me feel pressure to react quickly; So my brain wasn't that engaged (or maybe someone else had it? haha...:) due to fast reaction time.

Also a sense of being judged, or perhaps being discovered

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Tried size ie b = bigger  a = smaller.
Tried direction of start ie  b = /  .  a = \ or |.
Tried same ie a or b if some size/direct-.

&r

Did you try various strategies? Or respond randomly?

Tried to work out whel ~~the~~ whether the "catagory" flast
iₙ word was related to the last response or a direction for
the next one.

Was there a point where you experienced a sense of achievement? Or  frustration? Please describe.

Frustration though out  as not really knowing what
I was trying achieve/do.
When frustrated resorted to a random response.

Any further thoughts?

Arrrg-----.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Yes. Primarily I judged the categories based on how slanted the line was, category A more to the left and B to the right, but on the left it seemed to cancel out if the line was longer, to category B.

Did you try various strategies? Or respond randomly?

In the first test I started to judge the lines based on how slanted they are, but became confused when lines slanted to the left became Bs and responded randomly. Quite gradually I felt it fall more into a pattern

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I felt achievement during feedback tests when I got one right having thought about the category before-hand. I felt more confused than frustrated during the non-feedback parts.

Any further thoughts?

I think my decision to go with how slanted the lines were to begin with was because of the [/] key denoting category B!!

I went largely on gut instinct throughout the test

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

(A) Slant — if was v. slanted to right — B
but if slanted + short A ↗ tradeoff.
(B) Blur around line same As.

Did you try various strategies? Or respond randomly?

General
feeling

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement when hit 3rd block.

~~Frustrat~~

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Kept changing

first direction
length
2 / the 2 ⟍

Did you try various strategies? Or respond randomly?

Tried both

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration as felt I couldn't
quite get it! 
Felt maybe it was trying to
trick me.

Any further thoughts?

Mind Fuck.!

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

based on angle of line + size
→ more upright & generally smaller
(some exceptions)                          ( A
→ more angulated away from audience + bigger
=> B

Did you try various strategies? Or respond randomly?

as above tried to respond

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Neither, made decision a clicked.
Some was not sure.
Did not feel I got much better
(minimal improvement)

Any further thoughts?

Ones & with answers seemed easier, maybe
because answers there.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

the greater angles were B.
nearer vertical was A.

Did you try various strategies? Or respond randomly?

1st test was random and then I thought I
saw the ~~best~~ above pattern.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

frustration at the beginning as I didn't
understand and was getting impatient.

Any further thoughts?

—

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

The more vertical and short category "A"
The more horizontal & long Category "B". Being the longest ones also "B" regardless the angle.

Did you try various strategies? Or respond randomly?

Yes, at the begining. Sometimes I pressed the wrong key for rushing (Cheap excuse yeah)

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

N/A

Any further thoughts?

N/A

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

NO

1). A— one length

B— any length apart
from A-length.

Did you try various strategies? Or respond randomly?

First i tried for large lines →B , short lines →A ... then in the training it showed different types of lines and angles ... even the time that the line was on screen is the same ... so at the end i answered randomly

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

No, i dont feel i haven't achieved anything and i don't feel frustrated , maybe there is not a rule ...

Any further thoughts?

First i tried to compare lenght and angles , trying to work out a rule for everything then because there was exceptions in the rule i rejected it and trying to make it with time or position ...with it failed again ... so at the end i decided to do it randomly...

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine). EVERY LONG LINE WAS "B", EVERY LINE INCLINED FROM SX TO DX (\) WAS "A" (EXCEPT THE LONGEST ONES) ; ALL THE LINES INCLINED LESS THAN 45° (✗ < 45°) WERE "B" (I HOPE).

Did you try various strategies? Or respond randomly?

AT THE BEGINNING RANDOMLY, THEN I TRIED TO WORK OUT A WAY TO DO IT. FIRST I TRIED TO LEARN BY HEART (BUT JUST FOR A SHORT WHILE), THAN I FOUND A SORT OF METHODOLOGY (I THINK).

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

AT THE END OF 1st BLOCK I HAD UNDERSTOOD NOTHING THEN THE SITUATION QUICKLY IMPROVED, AT THE POINT THAT I WAS QUITE "ANGRY" WITH MYSELF WHEN I MADE MISTAKES DURING THE TRAINING.

Any further thoughts?

IT IS QUITE TIRING! BUT AT A CERTAIN POINT THE ANSWER BECAME ~~WAS~~ QUICK AND INSTINCTIVE (HOPE IT MAKES SENSE).

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

very steep ˆshorter lines were A
flatter lines were B
line with -ve angle were A -eg \

Did you try various strategies? Or respond randomly?

tried various strategies — Steepness of lines
— length of lines

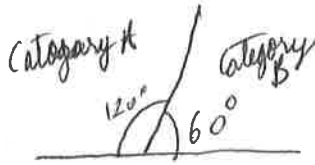Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

~~for~~ When I figured all flatter lines are B — sense of achievement

However ~~the~~ where to 'draw the line' btwn steep and flat was a bit tricky

Any further thoughts?

The practice helped to try to figure what strategy to use

Prateek Kamboj

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).



If a line makes angle more than 60° then it comes under Category A or else Category B.



Did you try various strategies? Or respond randomly?

I responded randomly to understand the feedback given in the Test experiment and then answered.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Sometimes I was frustrated during the experiment because of the respond Icon on the screen, because of this Icon I responded quickly and might have made some errors.

Any further thoughts?



No further Thoughts

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Most of the time I based it on A being slanted quite a lot e.g. ∕∕ and B being closer to a straight line e.g. ∣,∕∣ – but some of the time this was just not so!

Did you try various strategies? Or respond randomly?

I just tried to learn, although at one point I thought there might have been a pattern in the order that A/B was chosen e.g. AABABB etc.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I found B easier to get than A. I didn't like A. A frustrated me. I felt frustrated when at longish periods I kept getting it wrong and that's very annoying when its 50/50.

Any further thoughts?

I felt I didn't get the rule whereas others probably did.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Nope apart from maybe some of the As being

↙ way faced rather than ➝

Did you try various strategies? Or respond randomly?

Mainly random

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I ended up clicking randomly in time with the background music, gave up on caring whether it was right or not.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

YES : LONG LINES OR LINES ON A FLAT DIAGONAL e.

SEEMED TO BE ATTACHED TO B

SHORTER, UPRIGHT LINES WERE ATTACHED TO A

Did you try various strategies? Or respond randomly?

ON THE FIRST TEST MY RESPONSES WERE RANDOM, THEN AS I

PROGRESSED I FELT I COULD DETECT A PATTERN AND FOLLOWED

THAT IDEA

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I DID FEEL THAT I HAD WORKED IT OUT BY THE END,

AND AS I THOUGHT I WAS AN IDIOT IN THE FIRST TEST

I GUESS THERE WAS A SENSE OF ACHIEVEMENT.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

A – small lines, diagonally towards verticle
↳ sometimes this cancelled each other out ?!

B – large lines, towards horizontal

Did you try various strategies? Or respond randomly?

I tried to think about the feedback on the test rounds, but found it hard to override my self-imposed strategies/categories & got annoyed when I could not categorise "correctly". To start it was random.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

When I got a category — "wrong" on the test I didn't really feel I achieved much & it frustrated me that the categories seemed so random.

Any further thoughts?

It was too bright! My eyes started to hurt :·

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

no - initially I thought that lines at 45% ° were cat B. but I was wrong & couldn't find a pattern.

Did you try various strategies? Or respond randomly?

I tried - I considered whether it was length of time before the line appearing or after reaching etc, but I couldn't find the pattern!
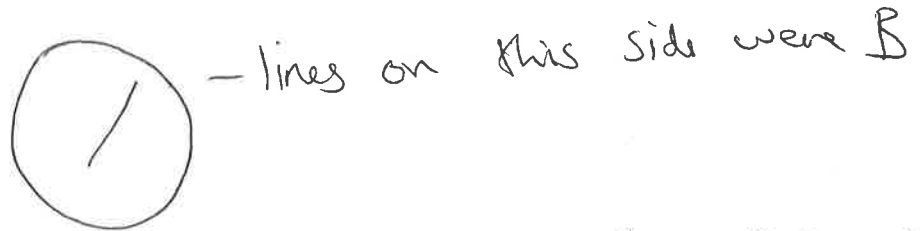
Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration all the way! And bewilderment/ confusion / dissatisfaction with myself.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).



— lines on this side were B

— lines going the other way were A although I started to realise this wasn't correct!

Did you try various strategies? Or respond randomly?

after realising my strategies didn't work I went on a general feeling, looking at the shadows and how they linked to the lines!

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

both, I felt psychic when I got the answers correct. when i didn't I was a bit frustrated.

Any further thoughts?

Massive projection on wall of experiment.

43.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Maybe ~~scribble~~   $\nearrow$ = A.

$\diagup\!\downarrow$ = B.

Did you try various strategies? Or respond randomly?

Yeah a bit.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

No really just frustration.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Initial Length of Line.

Did you try various strategies? Or respond randomly?

Yes Length then orientation then Mix of Both.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Some frustration as my belief was wrong, what I though was cat A was cat B.

Any further thoughts?

Take a little time to grasp task.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

the direction of the line and the length of the line.

Did you try various strategies? Or respond randomly?

Yes, try the combination of 2 categories

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

No.

Any further thoughts?

No.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

NO WASN'T SURE HOW TO WORK IT OUT

Did you try various strategies? Or respond randomly?

RANDOMLY

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

FRUSTRATION

Any further thoughts?

I REALLY WISH I COULD UNDERSTAND HOW YOU WORK OUT A STRATEGY IN SOLVING THIS WAY IT WORKS

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

The angle of the line, ———— a wide was b
and a little are / was a. or backwards
was a \

Did you try various strategies? Or respond randomly?

followed the category stated

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration cause the lines kept dissapearing
before so I'd press a button when I see the line and
then it would ach for a response & I'd have to try
and remember what the line was like and forget.
So the association between line & button was
disjointed.

Any further thoughts?

Confusing.

Not sure with the test which category how it worked.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it
was. (Either words or pictures is fine).

lines more going towards clockwise long(ish) were
category B and lines more going anti-clockwise
or clockwise small lines were category A

Did you try various strategies? Or respond randomly?

Some lines -1 didn't know so guessed

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

achievement when I guessed and got it right

Any further thoughts?

no

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

I decided that long and short lines were B and the rest were A. At first I thought the orientation of the lines was important but quickly decided that they weren't.

$$ '' / = B \qquad \backslash \vee = A $$

Did you try various strategies? Or respond randomly?

I tried to be consistent with the above but sometimes got frustrated due to a long series of B for example when I was waiting so A's to appear which would undermine my strategy and cause me to question it.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Mainly frustration due to not having any sense of feedback on how I was doing. Sometimes got A & B mixed up!

Any further thoughts?

Sometimes the training sessions caused me to forget the letter I had just been shown which led to confusion with the left/right choice so it all got very confusing at times.
I also wasn't sure if the criterion changed between blocks!

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

I got confused because I thought each section was meant to be exhibiting a different pattern so I didn't look for a consistent rule throughout. In the last block I thought short lines and lines to the left were "A" and longer lines + these lines leaning to the right were "B" but this rule sometimes let me down!

Did you try various strategies? Or respond randomly?

I tried various strategies but I misunderstood the experiment as at first I thought I was meant to be establishing a regular pattern e.g ABABAB or AAAABAAAAB.

Then I asked Charlotte to explain the experiment again because I couldn't see any patterns. I then looked at the line lengths + angles

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration throughout because I didn't really understand what I was meant to be doing, the lines were displaying too quickly & I didn't feel dexterous enough. I was very tired and struggling to focus. It was hard remembering which key to press for the rule I had established in my head.

Any further thoughts?

I don't think I should have done this after a glass of wine and after a tiring day at work. I felt I was not concentrating properly.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

I figured that the experiment was how I respond to feedback, so eventually I tended 2 go for the category that I had just seen shown...?

Did you try various strategies? Or respond randomly?

First, I went for angle, then for size, then for both ...

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

towards the end, I thought I was doing better.

Any further thoughts?

In the blocks that gave me feedback, I felt I would have been better at figuring stuff out had I seen shown the line for longer, or if it had been displayed whilst the feedback was given.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Close to vertical was A
Away from  „  „  B.

Did you try various strategies? Or respond randomly?

Tried to determine the extent to which
line length had an effect.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I think that on some occasions an incorrect
response prompted the test to repeat but not
sure.

A fairly tedious experiment, I got bored
after several minutes but continued to help
with your experiment.

Any further thoughts?

Maybe the 'demarkation' points could
be clearer, ie. if line length does
matter make this more obvious.

Perhaps also, the use of colour?

Good Luck,

Johnny

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Mostly following the angle of the line eg: / = a ⟋ = b
but also the size eg: ı = a but /// = b

Did you try various strategies? Or respond randomly?

Responded using trial and error in the sections with feed back

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement only in feedback sections when I got it correct.
Frustration when I pressed the wrong key even though I knew it.

Any further thoughts?

Just a bit too long and monotonous to concentrate on fully for the whole experiment.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

NO

Did you try various strategies? Or respond randomly?

No

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Complete frustration.
after a while I thought this
was the aim.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

A = within this angle $\lor$ and a max. length, with a cross-over length with B, ~~but not a cross over~~ There was also a cross-over angle (but here the length was different

B = Beyond this angle $\diagup$ and usually longer than A

Did you try various strategies? Or respond randomly?

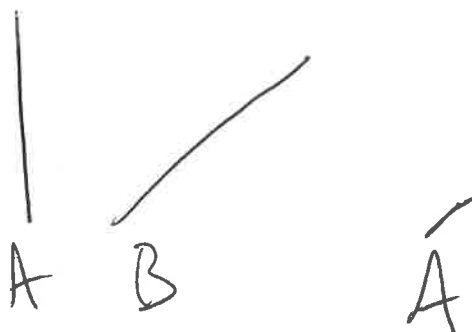Felt like guesswork to start with, then my brain seemed to pick up patterns almost of its own accord!

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

It made me giggle when A & B almost met, (Don't know why!) and I couldn't tell the difference!

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

A    B            Á

Did you try various strategies? Or respond randomly?

Both

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

No sense of achievement - mostly
frustration - couldn't see a clear
logic.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

No, at first I thought the lines more at an angle were category B but all did not seem to fit that pattern.

Did you try various strategies? Or respond randomly?

Vaguely stuck to my rule above but this meant I got quite a few wrong

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration because I could not work out the pattern.

Any further thoughts?

The experiment is quite long so it is easy to lose concentration and to start answering randomly.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Size and direction angle.

Did you try various strategies? Or respond randomly?

Randomly at the start.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

After luckily correct in a row!

Any further thoughts?

Difficult!

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Not really.
Angles more than / were B
\ were A
small ones were A

Did you try various strategies? Or respond randomly?

Various stragies.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Mainly confusion, and frustrated
that I couldn't find a clear formula

Any further thoughts?

It was tricky and you only saw
the shapes for a small time window
well done.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Tied to figure out combo of length +
orientation for each category
 - I thought that vertical /short = A
     horizontal /long = B

Did you try various strategies? Or respond randomly?

 - tried to pre predict length /orientation of
line after it said category
         - didn't really work so tried to
just go with intuition

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

frustration when line didn't match
idea of what categories were.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

long ones tended to be Category B

\ tended to be category A

Vertical lines tended to be Category A

Did you try various strategies? Or respond randomly?

I tried to use a strategy, but some of the lines I was unsure of so the response they was probably random.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration - because it was difficult to figure out what the pattern was and what qualified each line for the categories. This was especially the case when \ lines were introduced in the training block further along in the experiment.

Any further thoughts?

It was quite difficult to determine the patterns. Sometimes it felt like I had it but then things were switched around and that made it quite hard to determine which category to put each line in.

62

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

1 — Lines nearer vertical angle | to / grouped in (A)

2 — Lines nearer horizontal angle / to __ grouped in (B)

3 — Lines in between obvious range divided between short - (A) and long - (B)

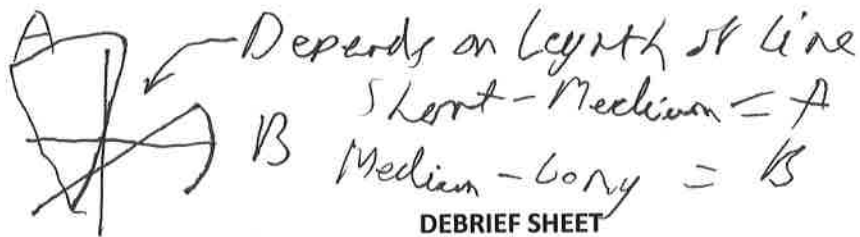Did you try various strategies? Or respond randomly?

Mainly stuck to above strategy. Adopted strategy 3 by test block 2, but 1st 2 from halfway through training block 1.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement when strategy seemed to work. Round 1 actually seemed straightforward, later rounds didn't seem to work as well.

Any further thoughts?

Were the training + test blocks in each round identical? Memory test?

63

Depends on Length of Line
Short - Medium = A
Median - Long = B

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

I did. Combination of Leynth + orientation
But was if the top of the line was nearly
straight then or to the left it was A, if it went
far to the right it was B. If it was slightly to
the right and long it was b, otherwise it was a)

Did you try various strategies? Or respond randomly?

Only the above.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I felt achievement when I got the rule.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine). Not really. Short ─ are A's, Long / are b's.

Did you try various strategies? Or respond randomly?

gut feeling mostly

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I was very disgusted the whole time.

Any further thoughts?

rawr.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Line bent slightly to right — B

Straight and continuous
width — A

Did you try various strategies? Or respond randomly?

Both

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.
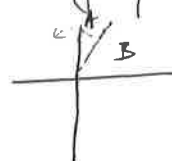
Frustration — The feedback
disturbs making strategies

Any further thoughts?

66

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

The more tilted the line to the right, the more likely it is likely to be group B.
The rest of the lines were in category A, so approximately



Did you try various strategies? Or respond randomly?

I tried responding ~~to the~~ according to the strategy above.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

The first few trials with feedback seemed to correspond to my strategy, so a sense of achievement.
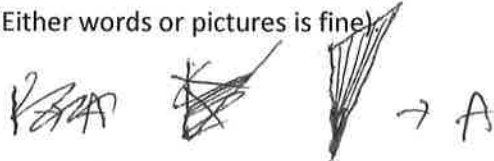The last few trials were not as accurate.

Any further thoughts?

The speed at which the response was required was better than in the previous experiment.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine)

~~ ~~ ~~ → A      otherwise it's B.

(every line within       ( others which are
this )                    longer or out of that region)

Did you try various strategies? Or respond randomly?

No, I sticked with the above strategy

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Yes, ~~both~~ when it's obvious → achievement.

There's a fine line between A & B when it falls into
the A area but~~is~~ slightly longer → frustration.

Any further thoughts?

A bit unsure about whether my logic is right.

(68).

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

If beyond 90°    A←↑→B

i) ∠A→B  beyond/under 45°

length of line and orientation.
orientation more important.

Did you try various strategies? Or respond randomly?

tried various ones, sometimes correct, sometimes wrong.
I seemed to given A's correct every time, B usually wrong
~~tons~~

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.
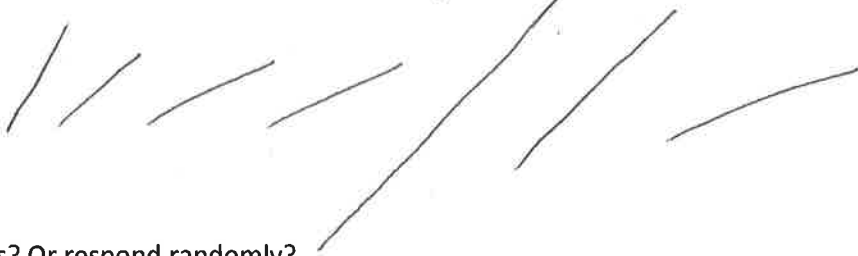
my eyes burnt

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Block A -  ❨ \ | / ' \ / / |

Block B - / / / — — / / / —

Did you try various strategies? Or respond randomly?

if angle is way to the right — I guessed it belonged to Block B
if angle is straight or slightly angled then I guessed it
belonged to Block A

I also guessed many times, especially at the beginning.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Confusion more like, especially at the beginning.
Slightly sensed a feeling of achievement or
frustration but confusion was dominating.

Any further thoughts?

Interesting test =)

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

yes    category A       category B

\ | /,       / ̄

Did you try various strategies? Or respond randomly?

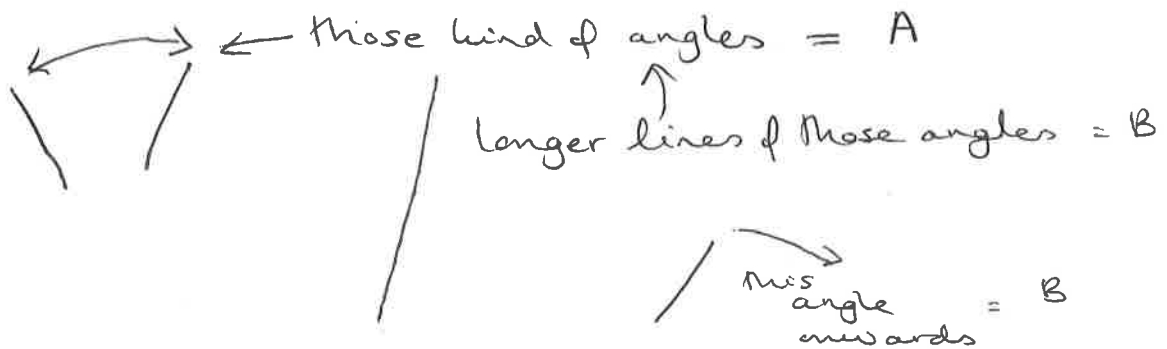started randomly and then used the above strat.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I experienced frustration in the first set and a sense of acheivement in the middle ish.

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

those kind of angles = A

longer lines of those angles = B

this angle onwards = B

Did you try various strategies? Or respond randomly?

Pretty randomly. Tried copying various things I noticed in the trial blocks. E.g. longer lines, different angles...

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

when I thought longer lines might be something that was a realisation of some sorts but mostly frustration at the experiment ....

Any further thoughts?

No! ☺

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Not really, if it had been alot of one then I tried the other, it also seemed if the it changed than it would alternate a few times before repeating. Also if it was more straight or to the left it ~~is~~ seemed more often to be d.

Did you try various strategies? Or respond randomly?

yes but these did not always work so then it would be random until I thought of a different strategy.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

I prefered it when there was feedback, because i experiend a sense of athievement when I get it correct a few times, I found it frustrating when I did not know the answer.

Any further thoughts?

No.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

No, tried to work out but felt no time to seek pattern

Did you try various strategies? Or respond randomly?

Various Strategies

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

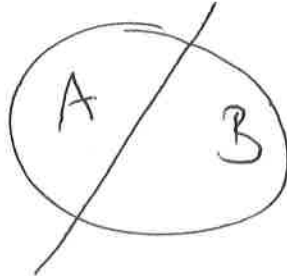at one point I thought I grasp what was happening but short lived.

Any further thoughts?

would love to know outcome!

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Yes, lines in category A fell to the left more than B



Did you try various strategies? Or respond randomly?

Started randomly but after a couple of feedback blocks tried to pick up the pattern.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement when I kept getting the right one in the feedback section.
Annoyance also in the feedback section when I got it wrong also when I didn't have any feedback as I had no idea, needed a confidence booster!

Any further thoughts?

Frustrating when not knowing but also very motivating to try and beat the score from the previous blocks.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

A = ←/          β = /↘

Did you try various strategies? Or respond randomly?

Size
different shape on end of line          — ⟍ ⟋
angle
guessing

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Timed answer with please respond

Any further thoughts?

very confused

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

NOT REALLY! TRIED TO DECIDE ON LENGTH + ANGLE

Did you try various strategies? Or respond randomly?

TRIED TO RESPOND TO MY THEORY/THEORIES, BUT OCCASIONALY HAD TO GO FOR THE RANDOM APPROACH

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

ACHIEVEMENT WHEN DOING THE TEST RUNS + FINDING OUT THAT I WAS RIGHT! BUT FRUSTRATION WHEN I WAS WRONG + DIDN'T KNOW WHY

Any further thoughts?

WISH I'D KNOWN WHAT I WAS DOING. BUT HOPEFULLY I WAS OF SOME USE TO YOU

X X

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Yes -      A = (A)      Complemented by:
                        Angle + length

        B = anything that doesn't fit
            on that angle or the correct
            length .

Did you try various strategies? Or respond randomly?

Yes, but they kept failing

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Series 3

Any further thoughts?

Made errors, especially in the opening
trial .

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Lines below a certain angle went into A, above went into B.

A ↗ /      / ↑ B

Did you try various strategies? Or respond randomly?

Only strategy used is described above.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

When trying to establish at which angle each category was, I found frustration when I thought I had established it and I then consistently got wrong answers.

Any further thoughts?

N/A.

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Category A -     ≤ 0°  , upright + short

Category B -     ≳ 20°

Did you try various strategies? Or respond randomly?

Responded randomly initially, then tried to follow a pattern

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Frustration at the beginning when I didn't know what was going on + my rules didn't feel like what were flexing

Any further thoughts?

**DEBRIEF SHEET**

Did you establish a strategy for deciding which category the line was in? If so, please describe what it was. (Either words or pictures is fine).

Yes - ~~but~~ length a orientation separately a then in combination.

All long ones seemed to be B unless they were angled L to R \ from vertical in which case it was A. Very short were mainly A unless they were horizontal.

Did you try various strategies? Or respond randomly?

Yes! if my strategy seemed to fall apart I tried an alternative.
Always seemed to revert to my original strategy in the absence of a better alternative.

Was there a point where you experienced a sense of achievement? Or frustration? Please describe.

Achievement when I seemed to have a run of correct choices on training sections.
Frustration when the "almost identical" line was in the other category.
It was nice being correct!.

Any further thoughts?

If in doubt I think I favoured my dominant hand (Left)
Was more thoughtful in training sections because there was a chance of reward.
More random in test sections and felt I lost the plot often and just pressed either !