Physical NLU Stimuli

Ced Zhang - Jan 2023

#1

Imagine there is a table, and some blocks are on the table.
There is a stack of yellow blocks on the left side of the table, and there are a few red blocks on the middle of the table.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

Please answer the question on a scale from 1 to 7, where 1 means definitely red, 4 means not sure, and 7 means definitely yellow.

My answer:
(1 -> def. red, 7 -> def. yellow)

#2

Imagine there is a table, and some blocks are on the table.
There is a tall stack of yellow blocks on the middle of the table, and there are a few red blocks near the yellow stack.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#3

Imagine there is a table, and many blocks are on the table.
There are several stacks of yellow blocks, and there is one stack of red blocks.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#4

Imagine there is a table, and some blocks are on the table.
Half of the blocks are red, and half of the blocks are yellow.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#5

Imagine there is a table, and some blocks are on the table.
There are two stacks of yellow blocks on the left side of the table, and there are another two stacks of red blocks on the right side of the table.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#6

Imagine there is a table, and some blocks are on the table.
There is a stack of red blocks, and there is a taller stack of yellow blocks near the red stack.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#7

Imagine there is a table, and some blocks are on the table.
There is a red block on the left side, and there is a stack of two yellow blocks on the right side.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#8

Imagine there is a table, and some blocks are on the table.
There are four stacks of two blocks on the table. For each stack, the top one is a yellow block and the bottom one is a red block.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#9

Imagine there is a table, and some blocks are on the table.
There are four stacks of red blocks on the table, and there are two very tall stacks of yellow blocks near the middle of the table.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#10

Imagine there is a table, and some blocks are on the table.
There are two stacks of red blocks on the left, and there are two stacks of yellow blocks on the right.

If the table is bumped from the right and it is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#11

Imagine there is a very small table, and some blocks are on the table. There is a stack of three red blocks and a stack of four yellow blocks on the table.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#12

Imagine there is a table, and some blocks are on the table.
There is a tall stack of yellow blocks on the middle, and there is a red block on each side of the yellow stack.

If the table is bumped from the right and it is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#13

Imagine there is a table, and some blocks are on the table.
There is a tall stack of blocks, where the top half are all yellow and the bottom half are all red.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#14

Imagine there is a table, and some blocks are on the table.
There are three stacks of red blocks on the right side, and there are two tall stacks of yellow blocks on the left.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#15

Imagine there is a table, and some blocks are on the table.
There are four stacks of blocks next to each other in the middle of the table. Most of the blocks on the top are red, and most of the blocks on the bottom are yellow.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#16

Imagine there is a table, and some blocks are on the table.
There is a red block on the left side, a stack of three yellow blocks on the middle, and a stack of two red blocks on the right side.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)

#17

Imagine there is a table, and some blocks are on the table.
There are three stacks of blocks. For each, red and yellow blocks stack in an alternating way.

If the table is bumped hard enough to knock at least one of the blocks onto the floor, are there going to be more red blocks or yellow blocks on the floor?

My answer:
(1 -> def. red, 7 -> def. yellow)