

GUESS MY TOWER

You have been invited to participate in a TV Quiz Show and have the opportunity to win a vacation to Disneyworld.

The game is played by choosing one of the four possibilities for winning and then picking a tower out of a covered box. If the tower you pick matches your choice, you win. You are told that the box contains all possible towers that are three tall that can be built when you select from cubes of two colors, red and yellow.

You are given the following possibilities for a winning tower:

1. All cubes are exactly the same color;
2. There is only one red cube;
3. Exactly two cubes are red;
4. At least two cubes are yellow.

1. Which choice would you make and why would this choice be better than any of the others?

4 because you could win if it's two yellow or three yellow.

Michelle and Milin

Assuming you won, you can play again for the Grand Prize which means you can take a friend to Disney world. But now your box has all possible towers that are four tall (built by selecting from the two colors yellow and red). You are to select from the same four possibilities for a winning tower.

2. Which choice would you make this time and why would this choice be better than any of the others?

4 again because if it says at least two cubes are yellow it means more than two cubes can be yellow.

Have fun and good luck!

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1. All cubes are exactly the same color; 2

2. There is only one red cube; 3

3. Exactly two cubes are red; 3

4. At least two cubes are yellow. 4

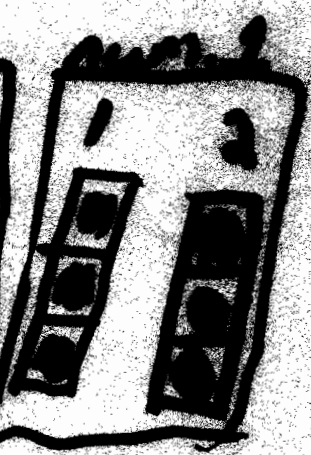
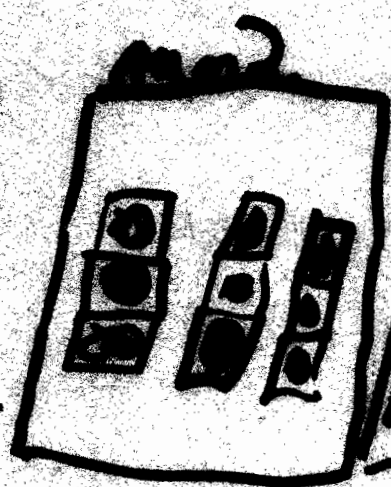
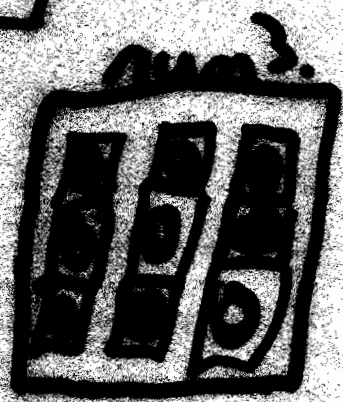
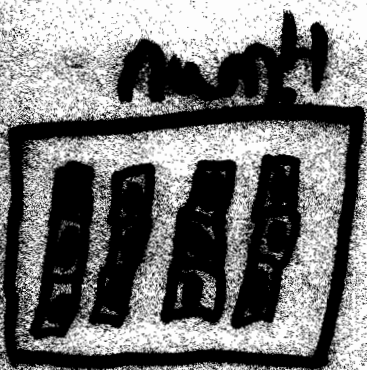
1. Which choice would you make and why would this choice be better than any of the others? (4) because you could win if it's two yellow or 3 yellow.

Assuming you won, you can play again for the Grand Prize which means you can take a friend to Disney world. But now your box has all possible towers that are four tall (built by selecting from the two colors yellow and red). You are to select from the same four possibilities for a winning tower.

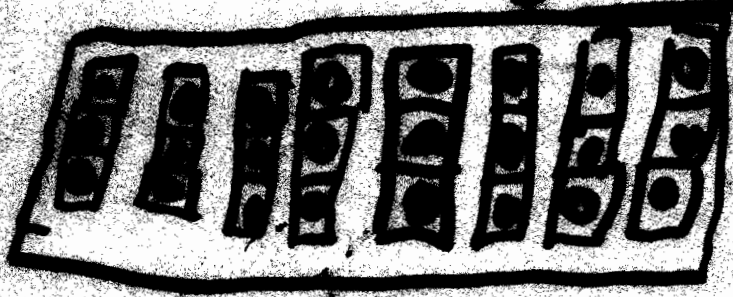
2. Which choice would you make this time and why would this choice be better than any of the others?

Same one because you can get more of the most.

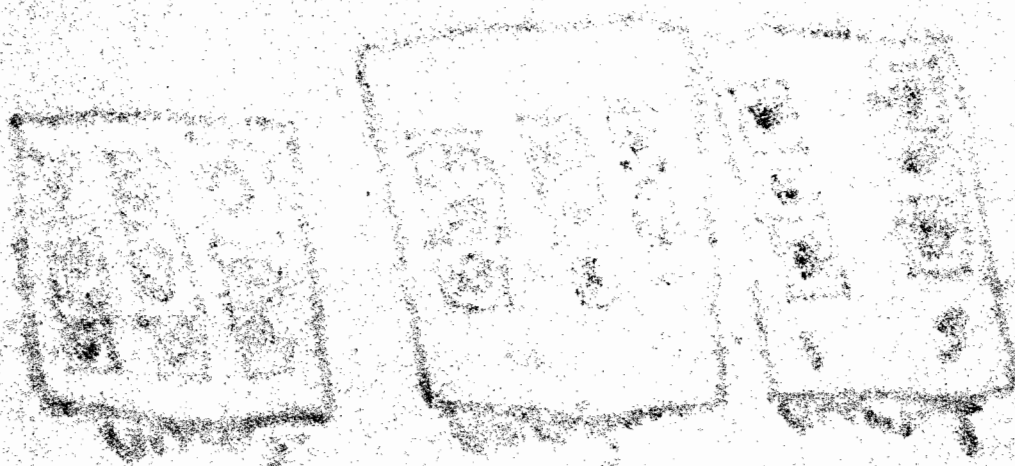
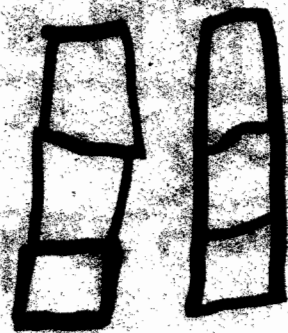
Have fun and good luck!

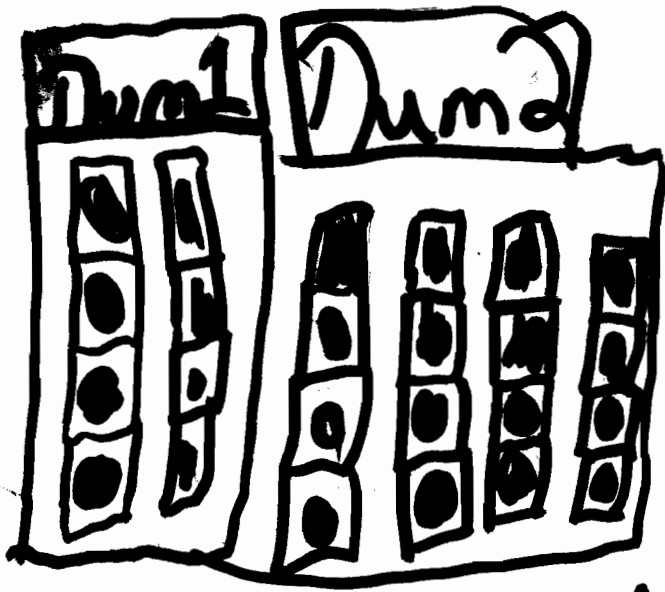


What would be in the
Box



Michelle and Milin



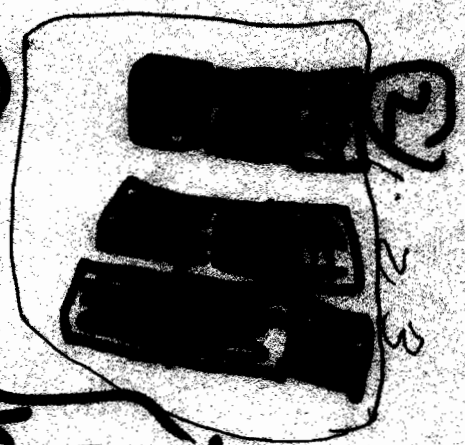
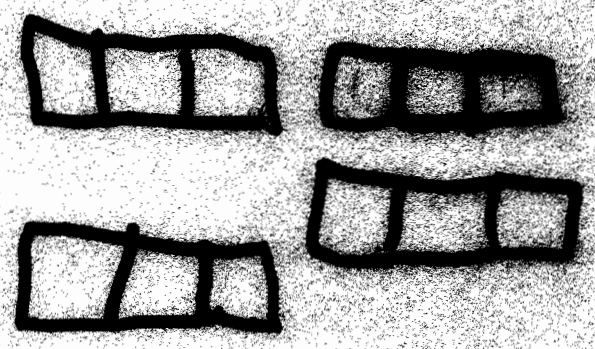
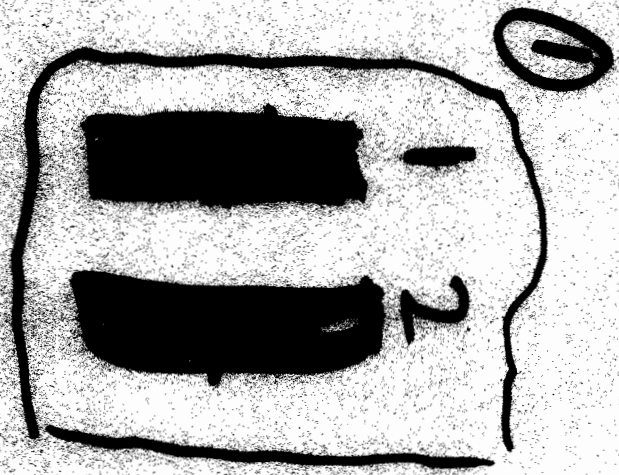


Green stands for red

Purple stands for yellow!

Michelle and Milin

2/1/2

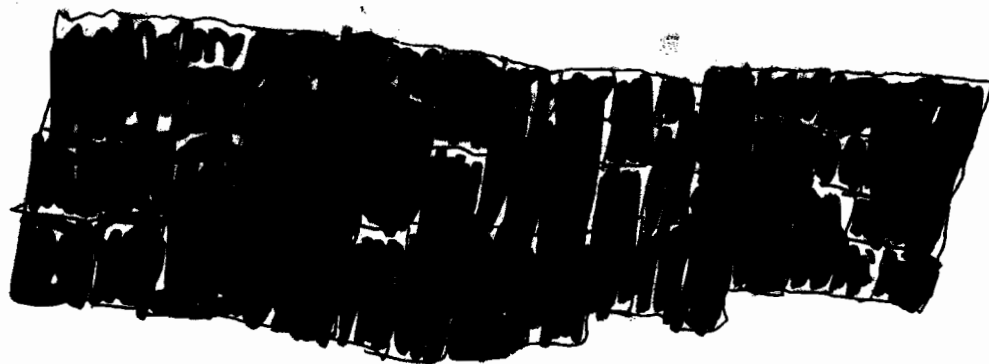


Michelle and Milin

3 No yellow All Red 1	one yellow 3	2 yellow 3	3 yellow 1
4) 1	4	5	4 yellow 1

2 6
2 7
2 7

Michelle and Milin



Michelle and Milin

GUESS MY TOWER

Stephanie

You have been invited to participate in a TV Quiz Show and have the opportunity to win a vacation to Disneyworld.

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You are given the following possibilities for a winning tower:

1. All cubes are exactly the same color;
2. There is only one red cube;
3. Exactly two cubes are red;
4. At least two cubes are yellow.

1. Which choice would you make and why would this choice be better than any of the others? 4

Key
 ■ = yellow
 ■ = Red



Assuming you won, you can play again for the Grand Prize which means you can take a friend to Disney world. But now your box has all possible towers that are four tall (built by selecting from the two colors yellow and red). You are to select from the same four possibilities for a winning tower. 4

2. Which choice would you make this time and why would this choice be better than any of the others?

Key
 ■ = yellow
 ■ = Red



Have fun and good luck!

GUESS MY TOWER

Matt

You have been invited to participate in a TV Quiz Show and have the opportunity to win a vacation to Disneyworld.

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You are given the following possibilities for a winning tower: #4

1. All cubes are exactly the same color;
2. There is only one red cube;
3. Exactly ~~two~~ cubes are red;
4. At least two cubes are yellow.

Key #1

yellow

red

1. Which choice would you make and why would this choice be better than any of the others?



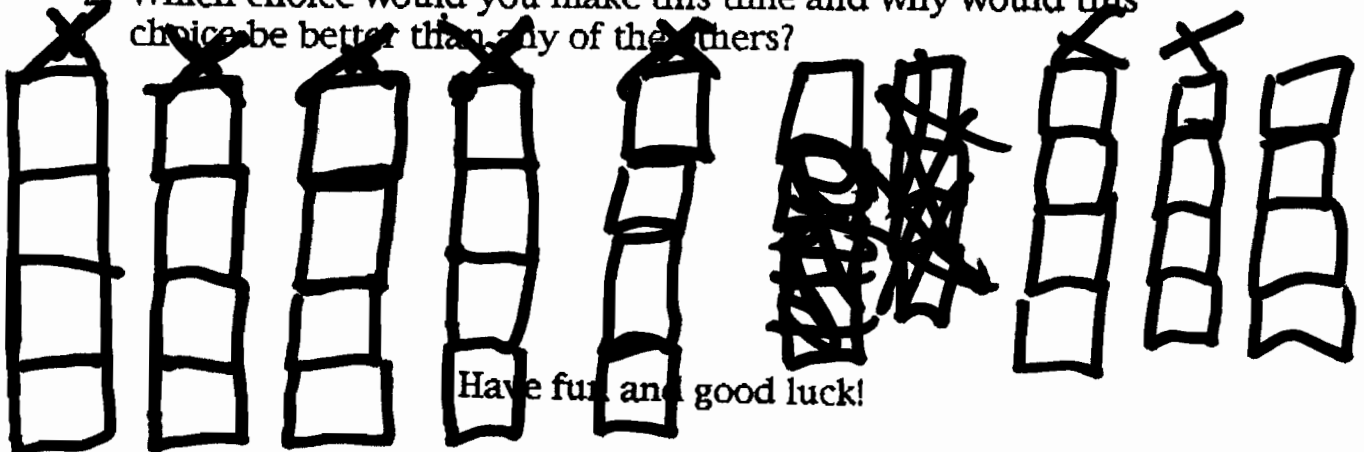
Key #2

yellow

red

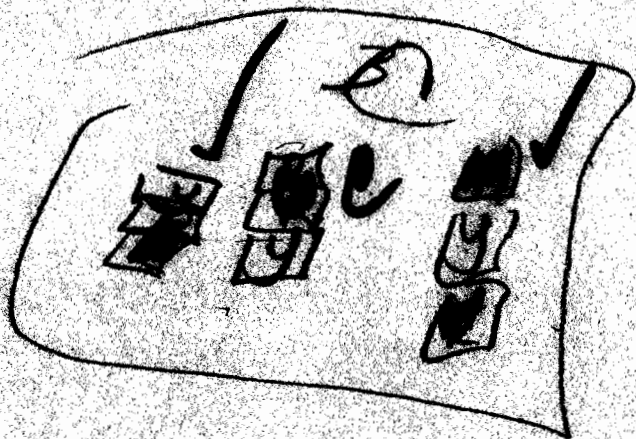
Assuming you won, you can play again for the Grand Prize which means you can take a friend to Disney world. But now your box has all possible towers that are four tall (built by selecting from the two colors yellow and red). You are to select from the same four possibilities for a winning tower. #4

2. Which choice would you make this time and why would this choice be better than any of the others?

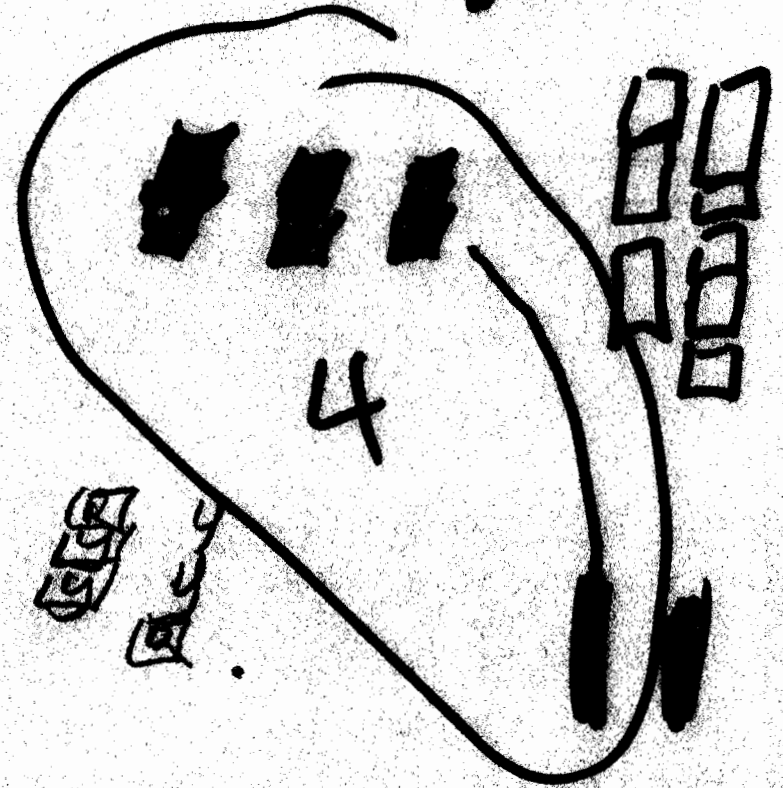
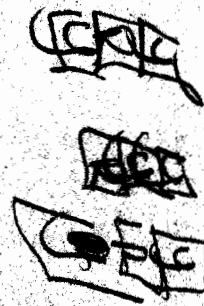


Have fun and good luck!

opposite



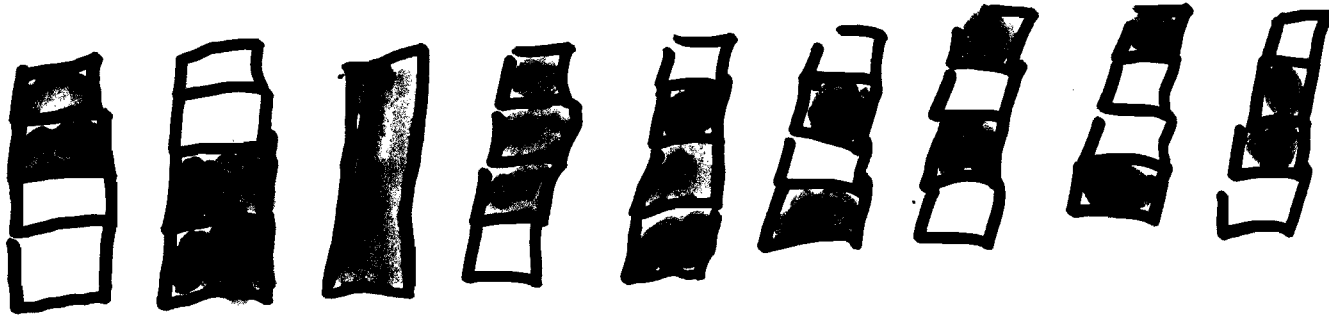
off



e



2 Answer 4 Key 1 = yellow 1 = Red



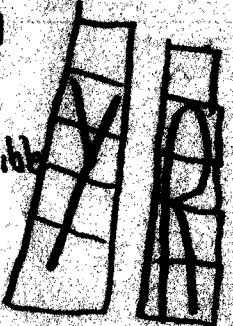
Matt &
Stephanie

10-10-40

Stephanie

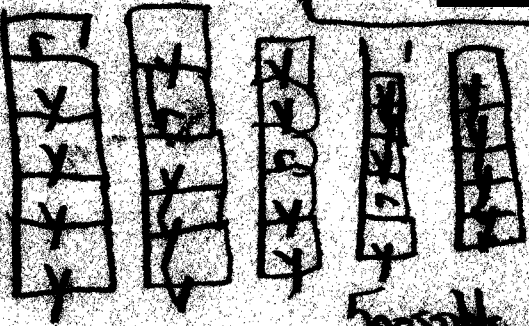
Total	<div>3 yellow</div> <div>0 red</div>	<div>exactly 1 red</div> <div>exactly 2 yellow</div>	<div>exactly 1 yellow</div> <div>exactly 2 red</div>	<div>3 red</div> <div>0 yellow</div>
8	1	3	3	1

#1
2 possible



#2

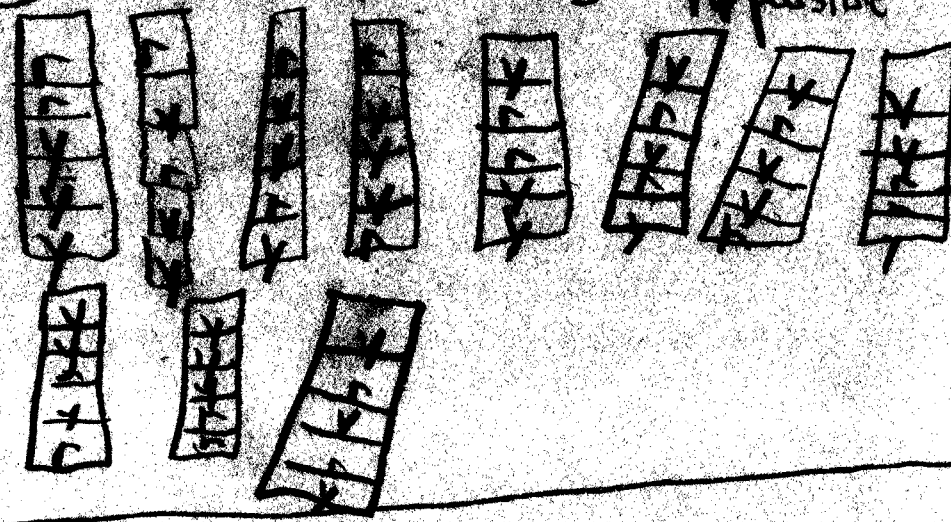
Robert [redacted] search



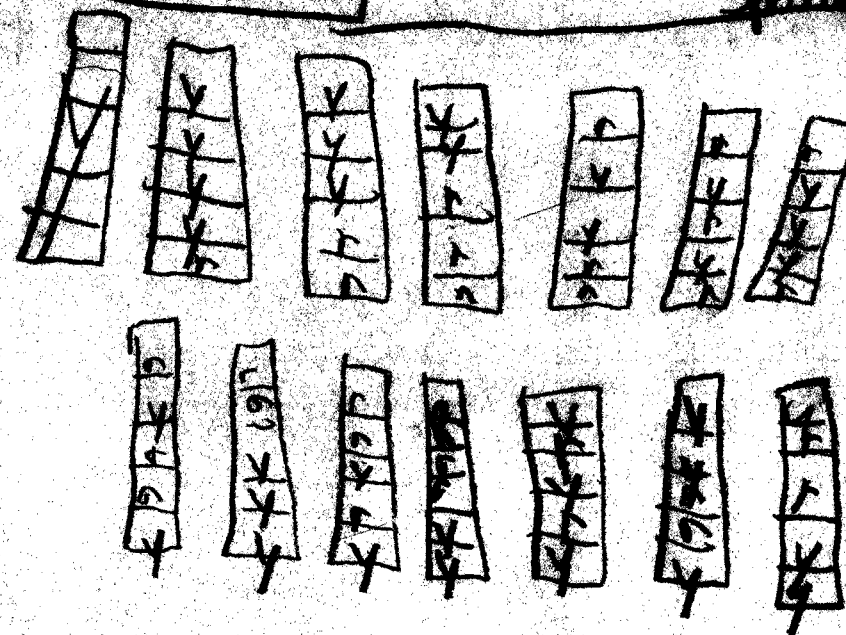
5 possible

#3

10 possible



4



4

3 yellows
0 reds1 red
2 yellows2 yellow
~~2 red~~3 reds
0 yellows~~Total~~

1

4

0

1

12

3y Or	3r Or	exactly 3r exactly 3y	exactly 4y exactly 4r	4y 1r	TOTAL
1	1	3	11	4	19

#5 cups

You have been invited to participate in a TV Quiz Show and have the opportunity to win a vacation to Disneyworld.

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 2. There is only one red cube;
 3. Exactly two cubes are red;
 4. At least two cubes are yellow.
-
1. Which choice would you make and why would this choice be better than any of the others?

Assuming you won, you can play again for the Grand Prize which means you can take a friend to Disney's world. But now your box has all possible towers that are four tall (built by selecting from the two colors yellow and red). You are to select from the same four possibilities for a winning tower.

2. Which choice would you make this time and why would this choice be better than any of the others?

Have fun and good luck!

①

4y

Dreds



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McJillie

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You are given the following possibilities for a winning tower:

1. All cubes are exactly the same color;
2. There is only one red cube;
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4. At least two cubes are yellow.

1. Which choice would you make and why would this choice be better than any of the others?

I say choice 4 because -> you have more of a chance to win. 4 has 4 possibilities and there 4 can be made out of all of them.

Assuming you won, you can play again for the Grand Prize which means you can take a friend to Disney world. But now your box has all possible towers that are four tall (built by selecting from the two colors yellow and red). You are to select from the same four possibilities for a winning tower.

2. Which choice would you make this time and why would this choice be better than any of the others?

If I win I have a chance to win the grand prize. I would choose 1 because it has 2 possibilities.

Have fun and good luck!

m

#3

R	Y	R	Y	R	Y
Y	R	R	Y	Y	R
R	Y	Y	R	R	R
Y	R	Y	R	R	Y

6 possibilities

#2

Y	Y	Y	R
X	Y	R	Y
Y	R	Y	Y
R	Y	Y	Y

4 possibilities

#1

Y	R
X	R
Y	R
Y	R

2 possibilities

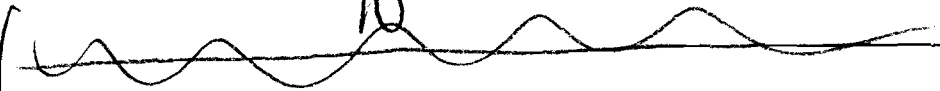
#4

R	Y	Y	R	Y	R
R	R	R	Y	R	Y
Y	R	R	Y	R	R
Y	R	Y	R	R	Y

~~8~~ possibilities

10

I choose 4 because there are 10 possibilities, #1 only has 2



Y	R	Y	Y
Y	X	Y	R
Y	Y	Y	Y
Y	Y	R	Y

1 m [redacted] 5's

#1

Y
Y
Y
Y
Y

R
R
R
R
R

2 pass.

②

R	X	Y	X	Y
X	X	R	Y	Y
Y	Y	Y	R	Y
Y	Y	X	Y	R
Y	R	Y	Y	Y

5920

③

Hand-drawn diagrams of six vertical rectangles, each divided into five horizontal sections. The first rectangle is crossed out with a large 'X'. The others contain letters: R, Y, R, Y, R; Y, R, Y, R, Y; Y, R, R, Y, Y; Y, Y, R, R, Y; and R, Y, Y, Y, R.

Hand-drawn diagrams of five vertical rectangles, each divided into four horizontal sections. The first rectangle contains the sequence V, R, Y, Y. The second contains Y, Y, R, V. The third contains R, R, Y, Y. The fourth contains R, Y, R, Y. The fifth contains R, Y, Y, Y.

11 pos.

6

Handwritten multiplication problems for the 2x2 grid:

- Top-left: $\begin{array}{r} R \\ \times Y \\ \hline R \\ \hline Y \\ \hline Y \end{array}$
- Top-right: $\begin{array}{r} R \\ \times Y \\ \hline Y \\ \hline Y \\ \hline Y \end{array}$
- Bottom-left: $\begin{array}{r} Y \\ \times R \\ \hline Y \\ \hline Y \\ \hline Y \end{array}$
- Bottom-right: $\begin{array}{r} Y \\ \times R \\ \hline Y \\ \hline Y \\ \hline Y \end{array}$

~~X~~ ~~X~~ I say 4

Red
yellow
yellow

Y
Red
X

Y
X
R

Y
Y
Y

①

R
R
R

Y
Y
Y

②

Y
Y
R

Y
R
Y

R
Y
Y

③

Y
R
R

R
Y
R

R
R
Y

I say four because you have the most possibility to get one of the ones in section one
But #1 you shouldn't pick ~~it~~ cause there is only 2.

#1

Robert [REDACTED]

e	r	t	y	y	x
y	c	y	a	y	m
r	y	y	a	r	y
y	y	r	y	a	k

6 possible #3

#2

e	*	*	*	*	*	* c	*	*	*	*	* c
	>	>	>	>	>						

4 possible

2 possible

4 possible

10
Pos, 21

#2

#2

Handwritten notes and diagrams:

- Top left: A vertical stack of four boxes. The top box contains a downward arrow. The second box contains a horizontal line. The third box contains a horizontal line. The bottom box contains a horizontal line.
- Top center: "#2" written twice.
- Top right: "4 possible" written twice.
- Far right: "10 possible" written twice.
- Bottom left: A vertical stack of four boxes. The top box contains a horizontal line. The second box contains a horizontal line. The third box contains a horizontal line. The bottom box contains a horizontal line.
- Bottom center: A vertical stack of four boxes. The top box contains a horizontal line. The second box contains a horizontal line. The third box contains a horizontal line. The bottom box contains a horizontal line.
- Bottom right: A vertical stack of four boxes. The top box contains a horizontal line. The second box contains a horizontal line. The third box contains a horizontal line. The bottom box contains a horizontal line.

Robert

I would pick number 4 because it has the most possibilities

yellow	red	y	Y
red	yellow	y	y
yellow	yellow	r	Y

4 possible

1

R	Y
R	Y
R	Y

2 possible

2

R	Y	Y
Y	R	Y
Y	Y	R

3 possible

3

R	Y
R	Y
Y	Y

3 possible