

NAME _____



MORIOKA CHILDREN'S MUSEUM OF SCIENCE

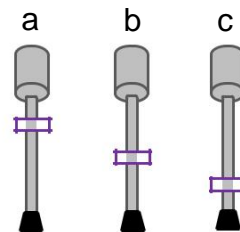
Challenging Notebook



NOTES

Levers

- 【Question 1.】
Which weight will be lifted easiest?
- 【Question 2.】
Which weight will be lifted highest?



Answer. 【Q1.】 _____ 【Q2.】 _____

Generator



How much electricity did you generate?

_____ Wh

Let's try!
Research electric quantity at home.

TV _____ Wh

Hair dryer _____ Wh

Washing machine

_____ Wh



Let's try!
Count the number of reflections with two mirrors facing each other.

Answer. _____

- a. One
b. Fourteen
c. Countless



How many YOU do you see in the mirror room?

Mirrors

Colors of Light

When red, green, and blue light are mixed, what color do they create?



Answer. _____

Let's try!
Look at the screen of TV and computer monitors with magnifying glass.



Wave organ

What happens to the white beads when you play the piano?

- a. Moving
b. Explosion

Answer. _____



Which wing shape generates lift?

Shapes of wing

The shape of the answer is used for the wings of real airplanes.
Answer. _____

