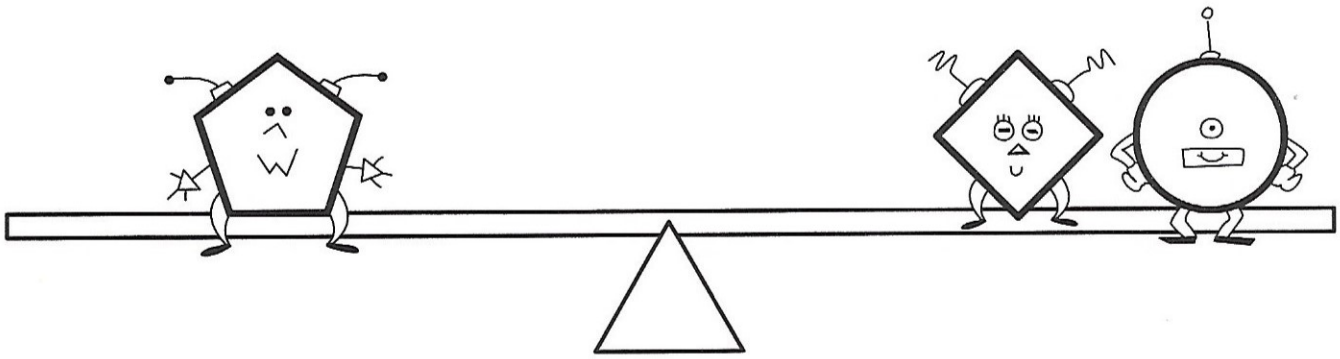
Seesaw Balances - 1

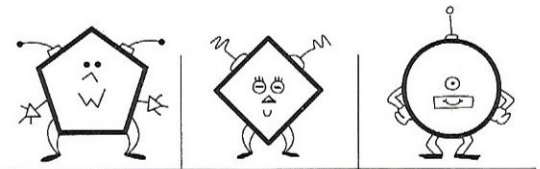


Use cubes to solve the problems.
Find as many solutions as you can.

Rules:

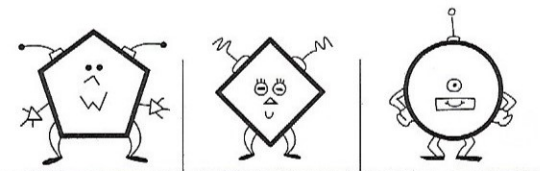
Balance the seesaw.
Robots that are the same have the same weight.
Robots that are different have different weights.
All robots weigh more than zero pounds.

1 If  on the seesaw weighs 4 pounds, what could the other robots weigh?

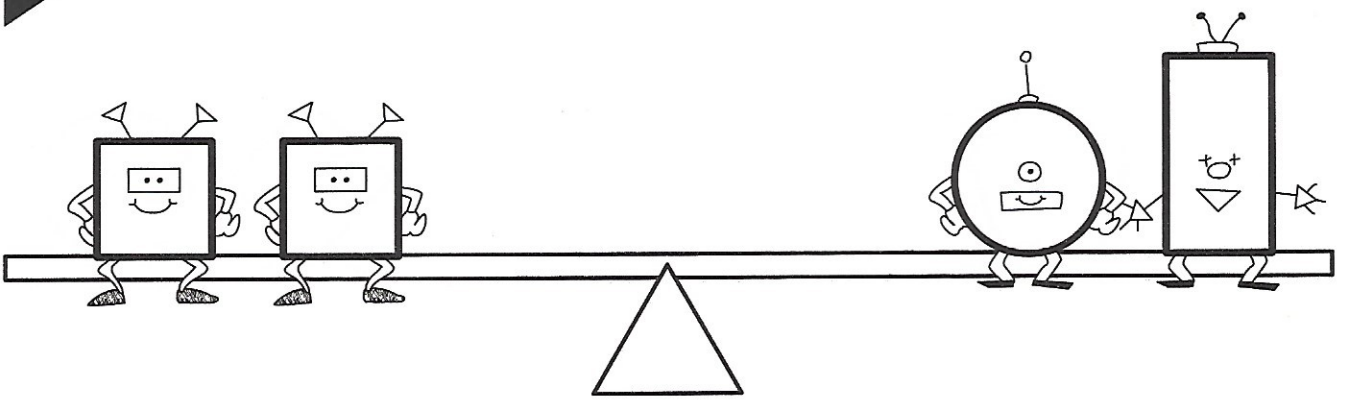


4	1	3
4	3	

2 If  on the seesaw weighs 7 pounds, what could the other robots weigh?



Seesaw Balances - 2

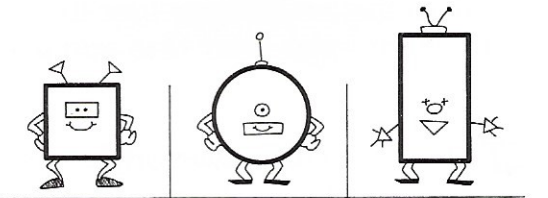


Use cubes to solve the problems.
Find as many solutions as you can.

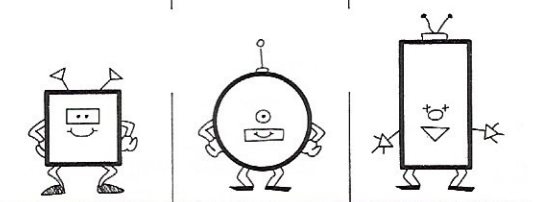
Rules:

Balance the seesaw.
Robots that are the same have the same weight.
Robots that are different have different weights.
All robots weigh more than zero pounds.

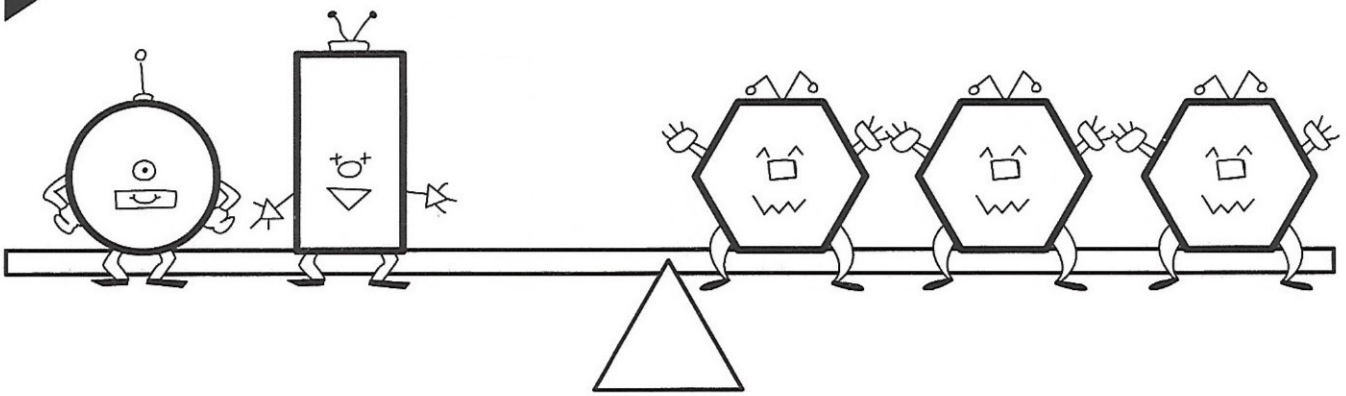
1 If  on the seesaw weighs 3 pounds, what could the other robots weigh?



2 If  on the seesaw weighs 5 pounds, what could the other robots weigh?



Seesaw Balances - 3

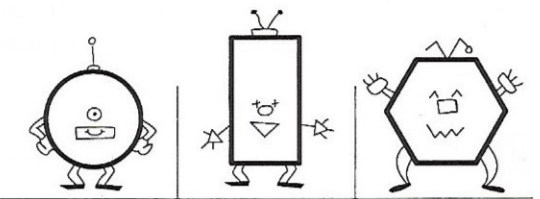


Use cubes to solve the problems.
Find as many solutions as you can.

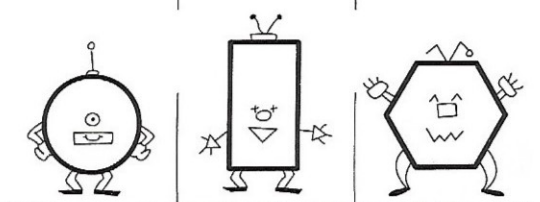
Rules:

Balance the seesaw.
Robots that are the same have the same weight.
Robots that are different have different weights.
All robots weigh more than zero pounds.

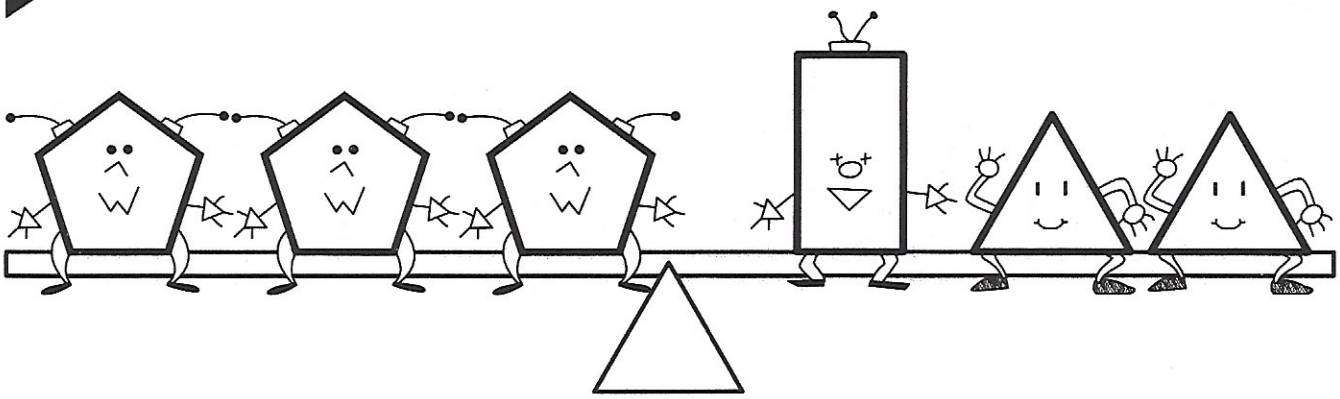
1 If  on the seesaw weighs 3 pounds, what could the other robots weigh?



2 If  on the seesaw weighs 4 pounds, what could the other robots weigh?



Seesaw Balances - 4

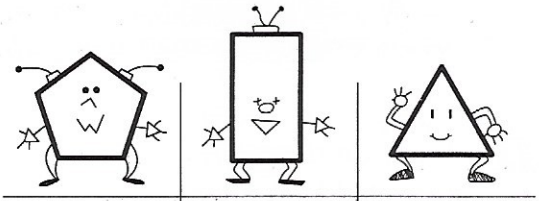


Use cubes to solve the problems.
Find as many solutions as you can.

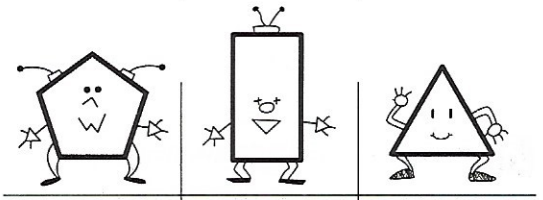
Rules:

Balance the seesaw.
Robots that are the same have the same weight.
Robots that are different have different weights.
All robots weigh more than zero pounds.

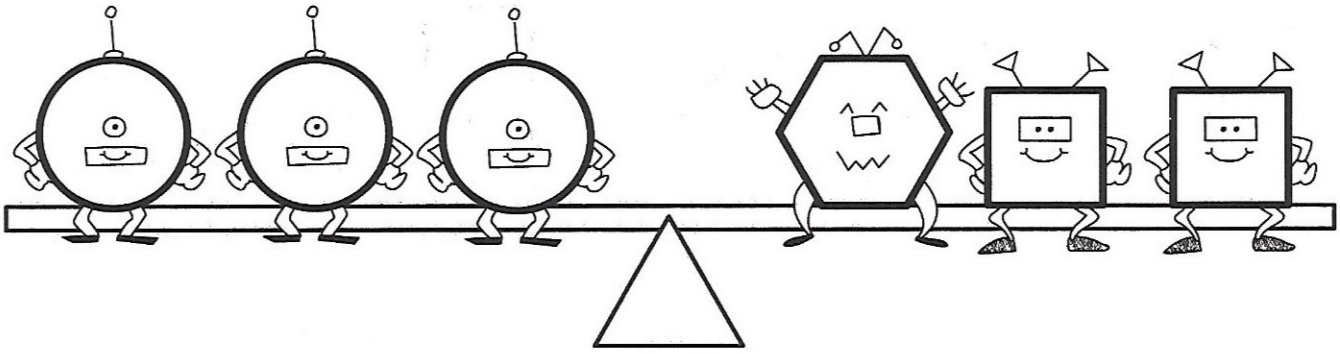
1 If  on the seesaw weighs 5 pounds, what could the other robots weigh?



2 If  on the seesaw weighs 6 pounds, what could the other robots weigh?



Seesaw Balances - 5

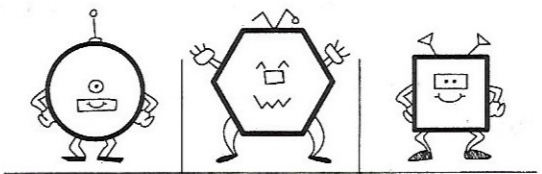


Use a calculator to solve the problems.
Find as many solutions as you can.

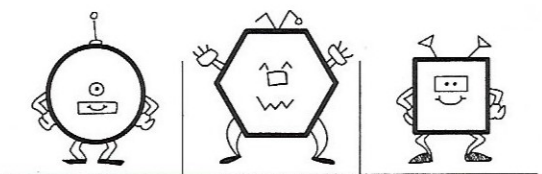
Rules:

Balance the seesaw.
Robots that are the same have the same weight.
Robots that are different have different weights.
All robots weigh more than zero pounds.

1 If  on the seesaw weighs 9 pounds, what could the other robots weigh?

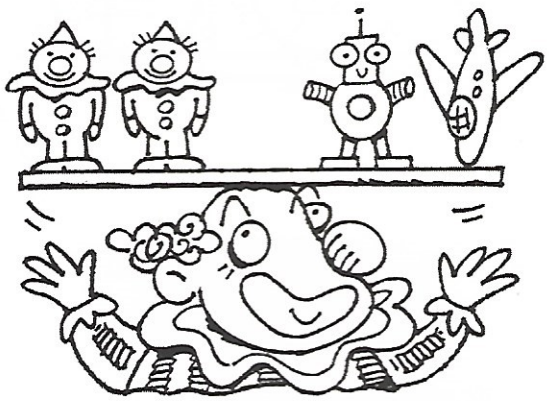


2 If  on the seesaw weighs 8 pounds, what could the other robots weigh?



Seesaw Balances - 6

1 Sam the Clown is doing one of his tricks again. He is balancing toys on his head. Each toy clown weighs three ounces. The toy clowns, plane, and robot weigh different amounts. How many ounces could the plane weigh? How many ounces could the robot weigh?



2 Tana put two books in one of her schoolpacks. She put a lunch and two stuffed animals in the other pack. Now the packs weigh the same. Each book weighs 10 ounces. The stuffed animals weigh the same. Books, stuffed animals, and the lunch have different weights. How many ounces could each stuffed animal and the lunch weigh?

3 Tony buys three magnets. Each magnet costs 10 cents. Saburo buys two neon-blue pencils and two troll erasers. He pays the same total amount as Tony does. The pencils cost the same. The erasers cost the same. The prices of pencils, erasers, and magnets are different. What could the prices of each pencil and each eraser be?