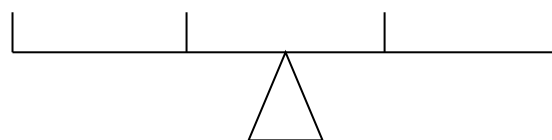
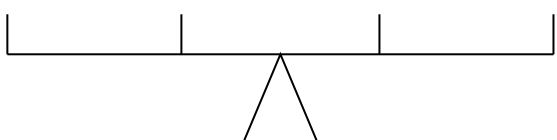
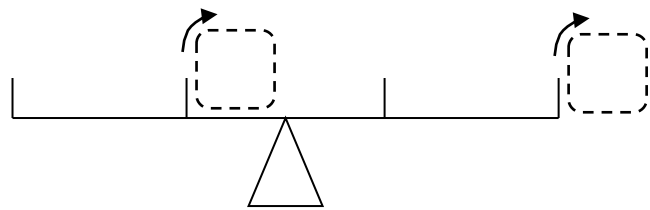
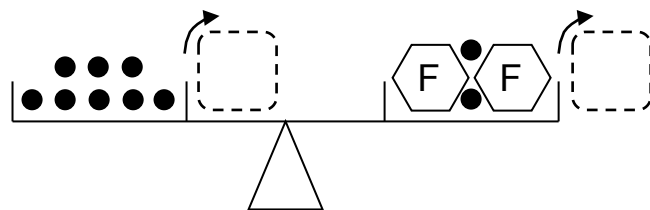
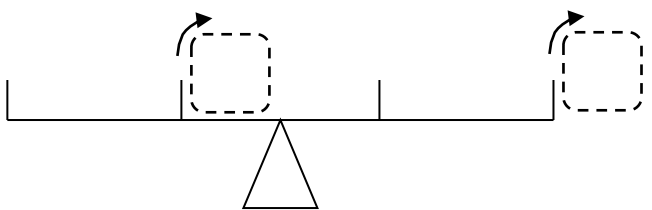
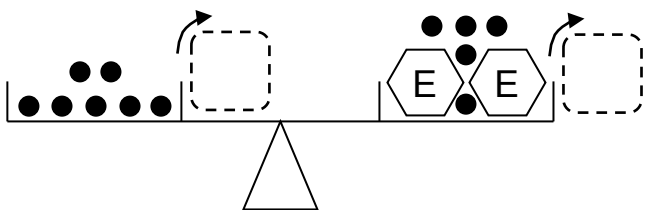
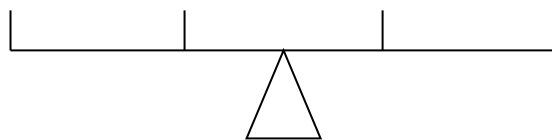
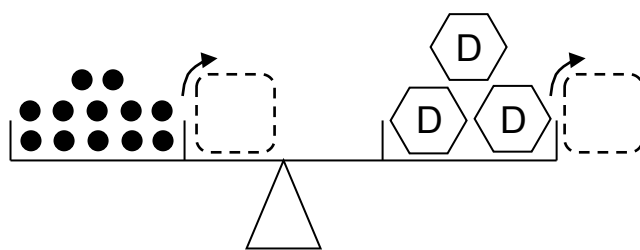
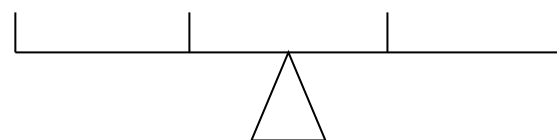
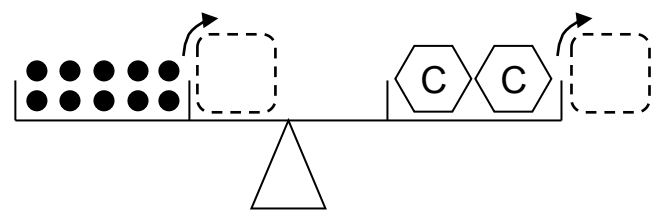
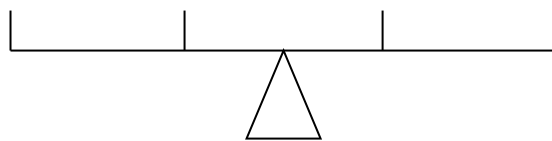
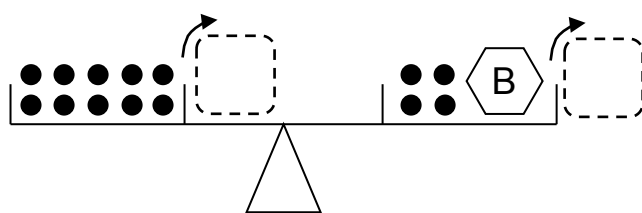
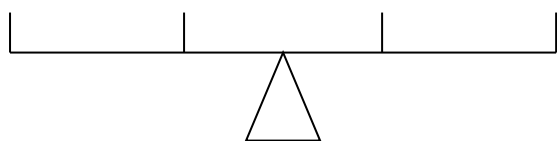
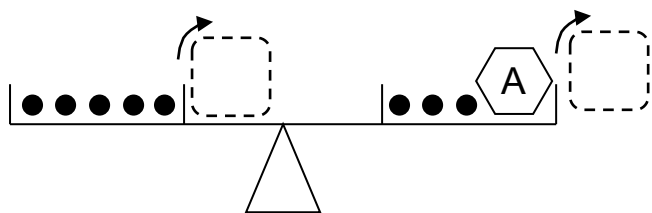
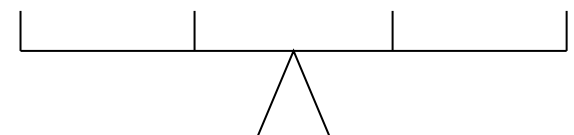
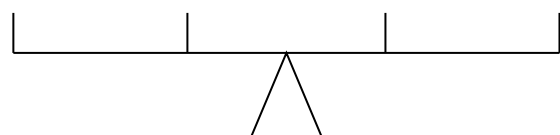
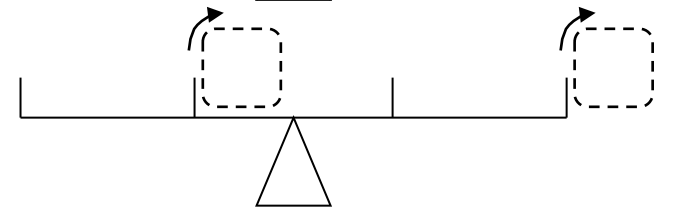
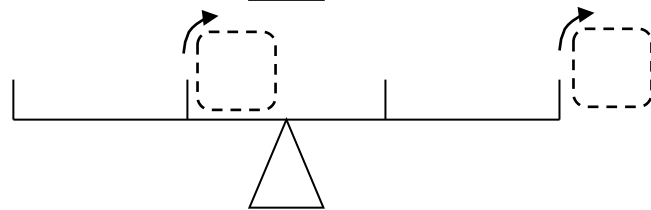
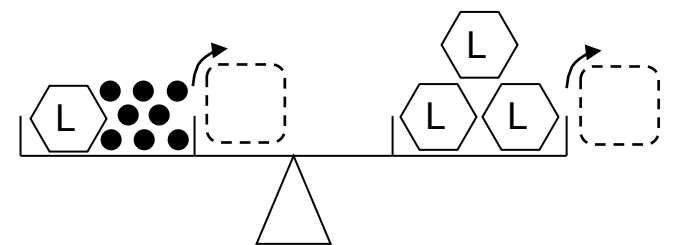
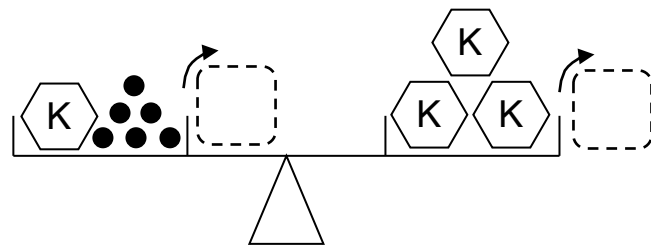
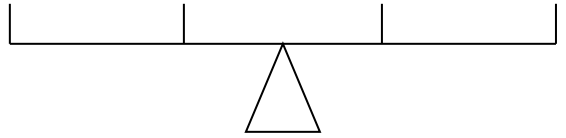
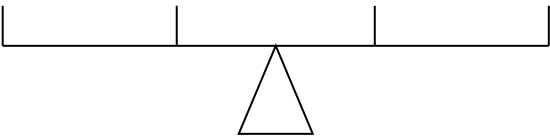
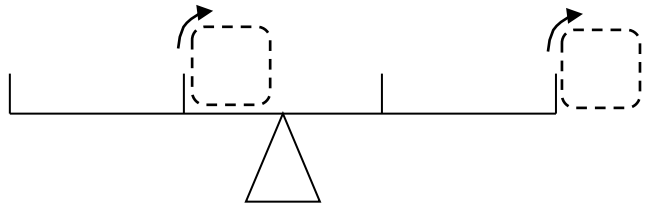
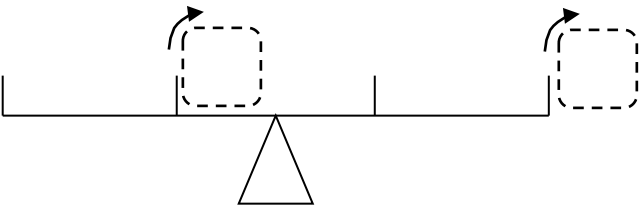
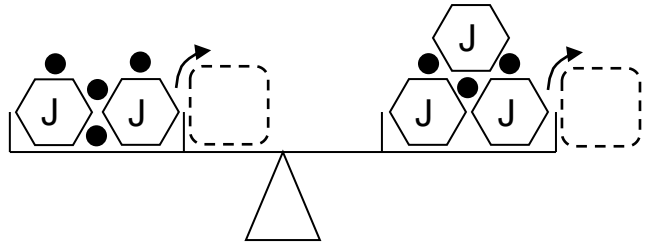
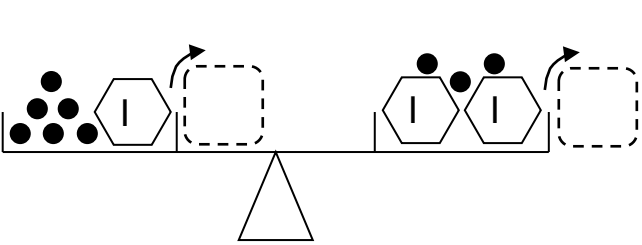
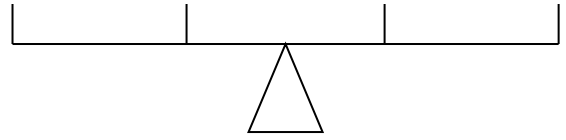
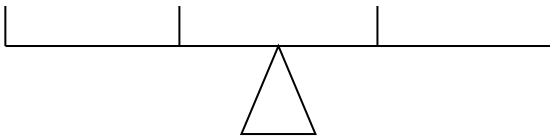
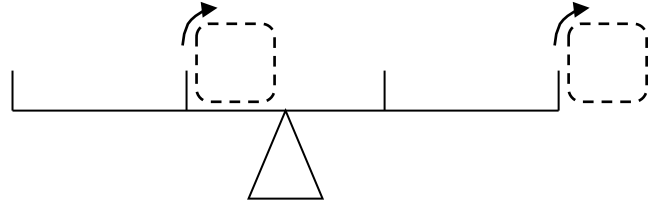
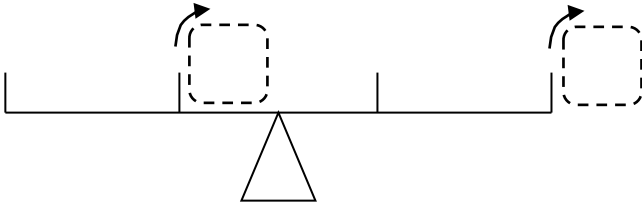
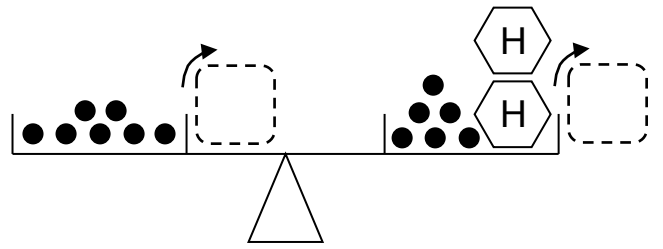
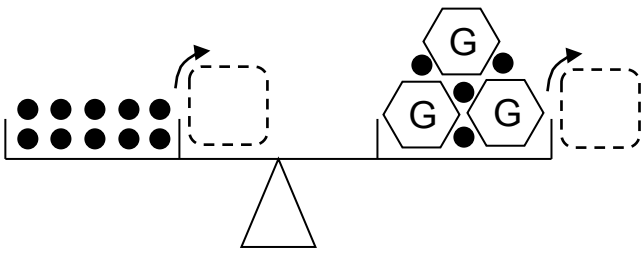


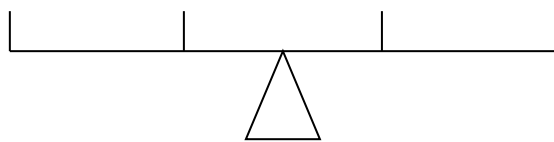
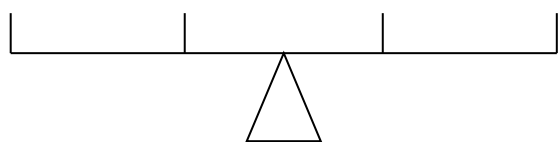
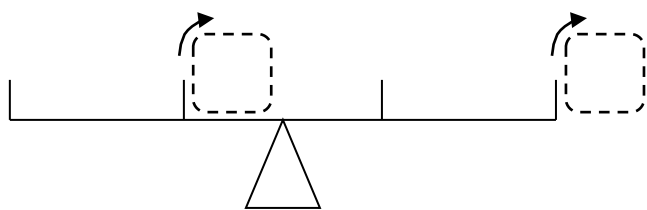
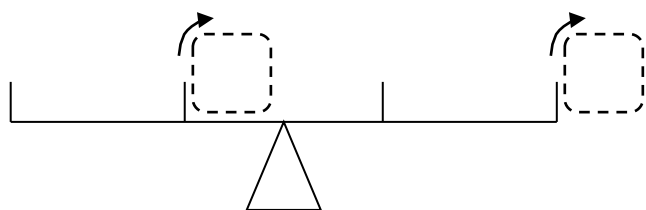
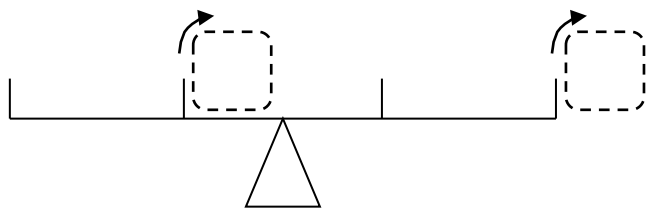
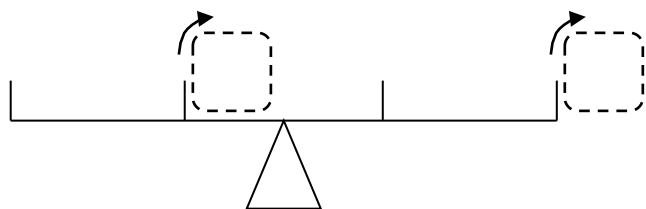
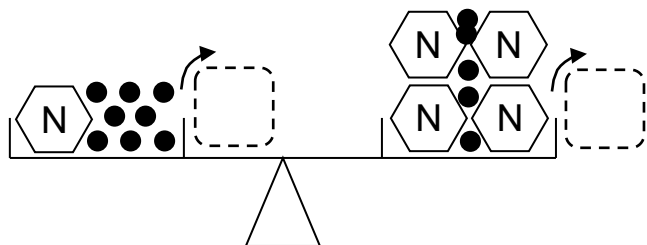
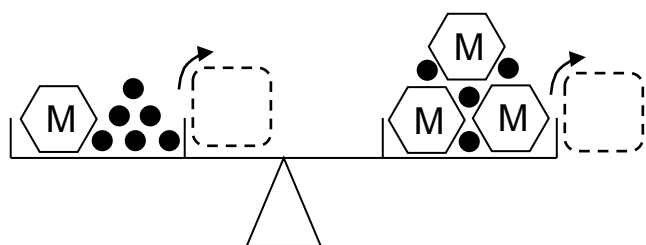
How much does a hexagon weigh?

Key: ● represents a 1kg weight

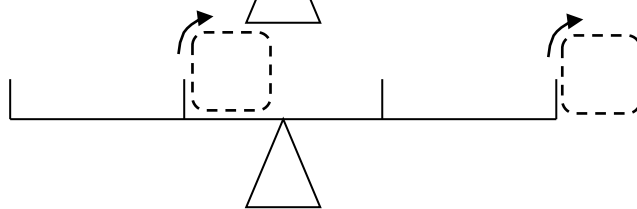
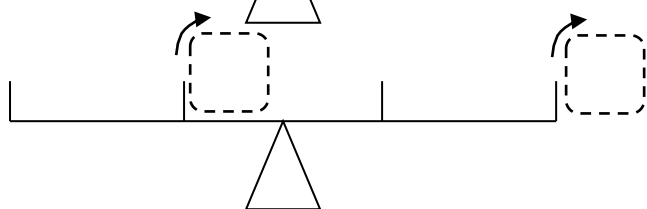
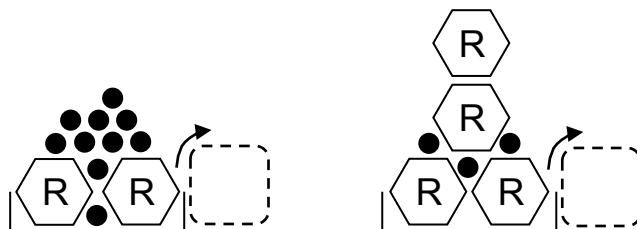
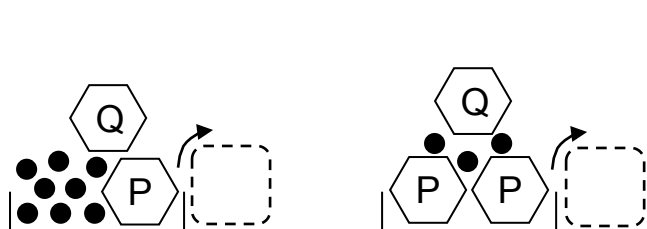
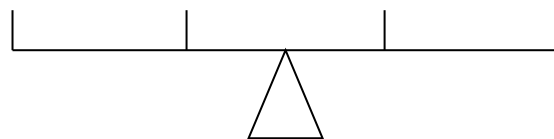
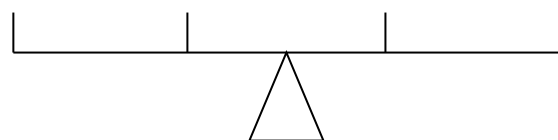
⬡ P represents an unknown weight



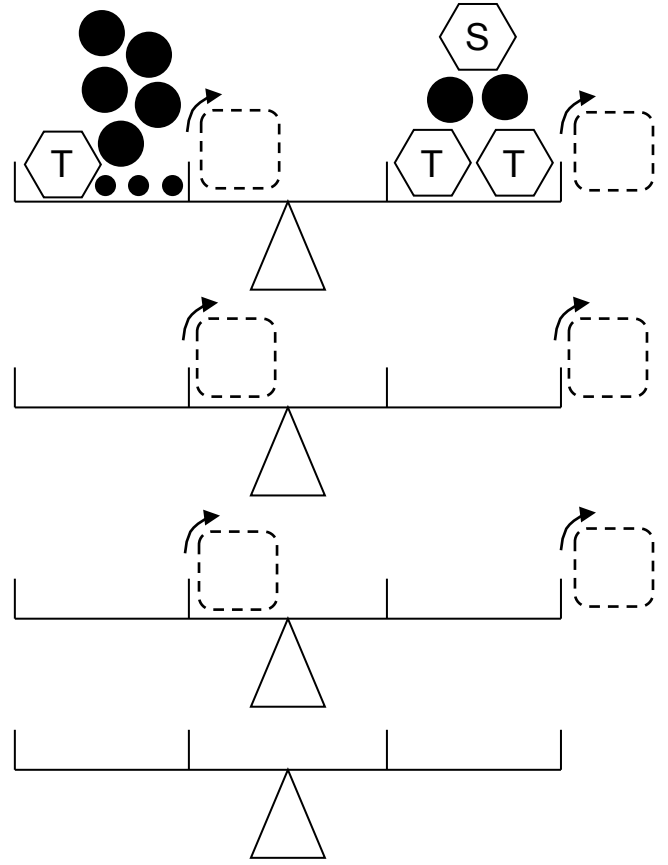
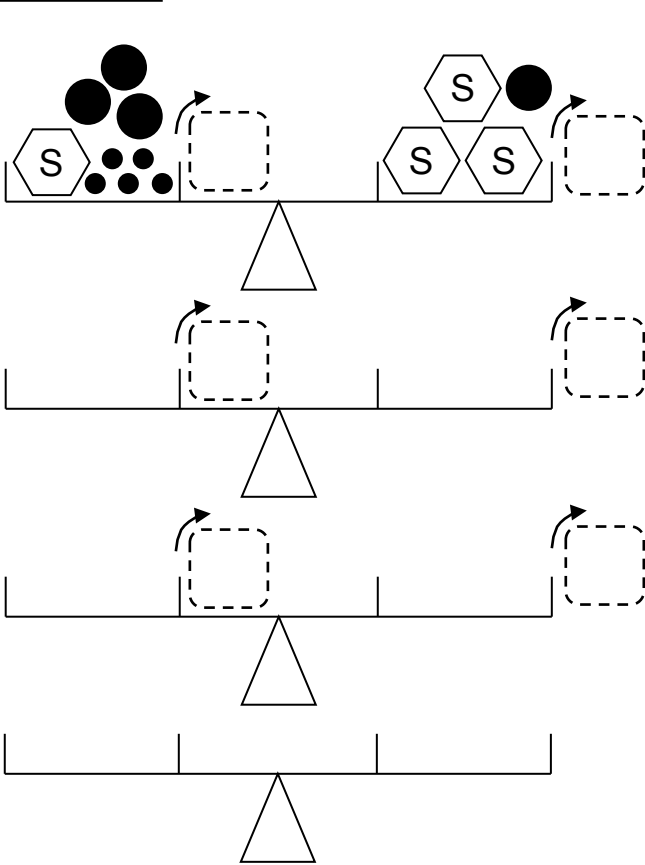




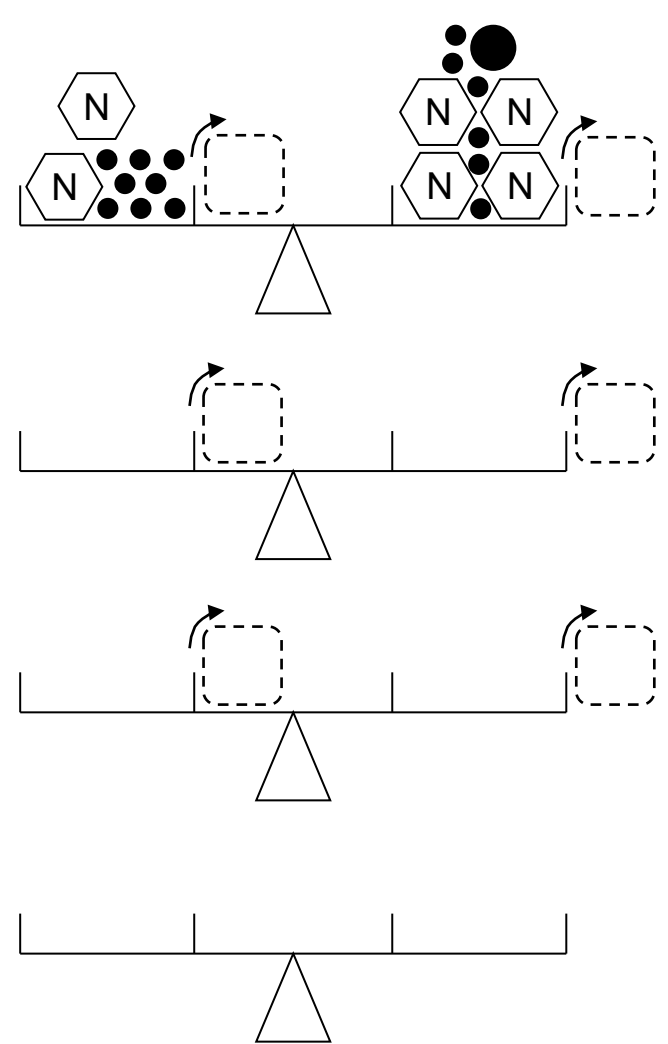
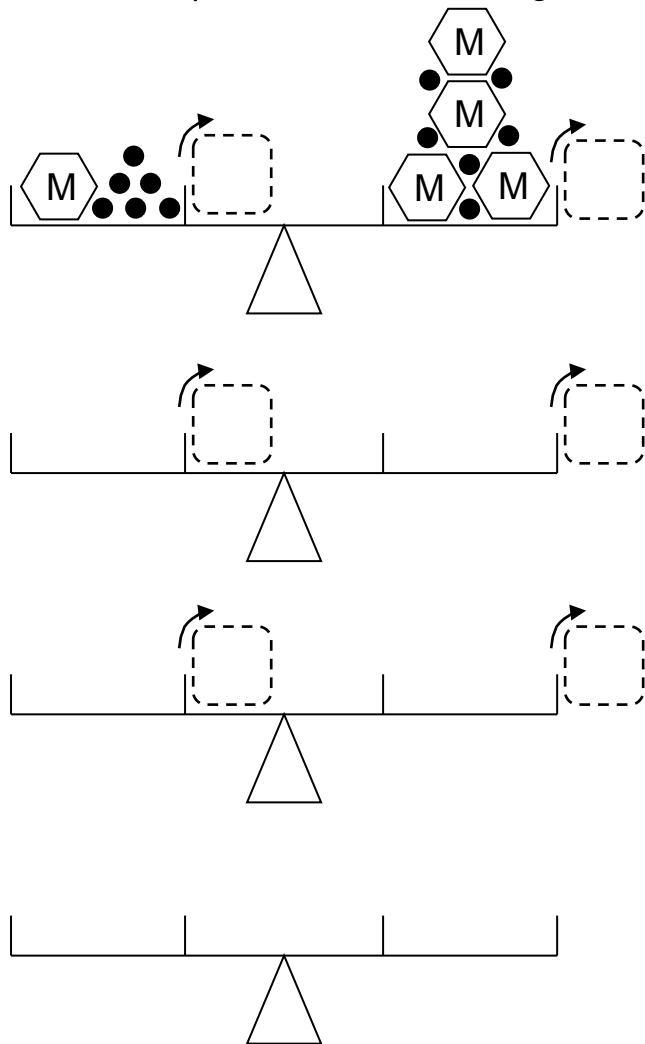
Construct similar ‘how much does a hexagon weigh?’ puzzles on these balances, and solve them by drawing out balances in your book:



● = 8kg

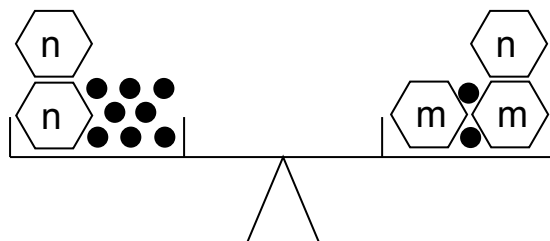
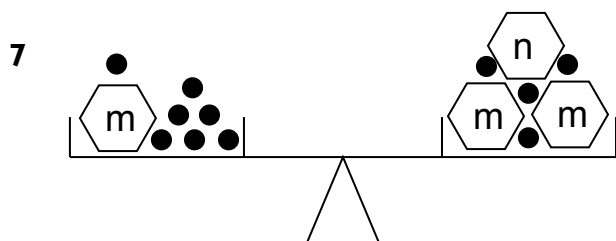
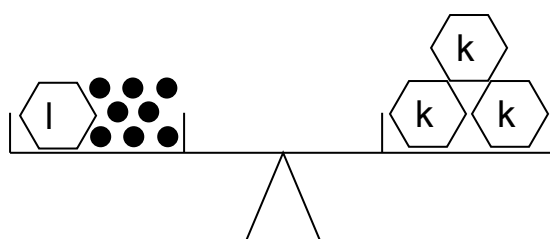
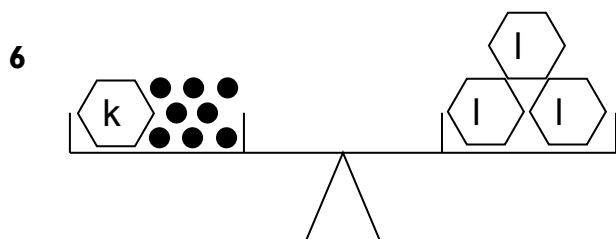
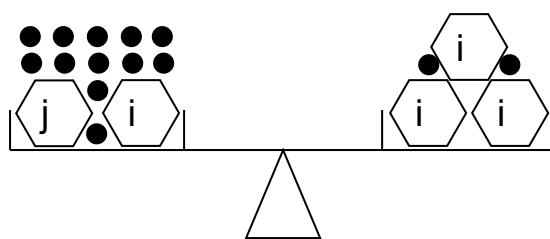
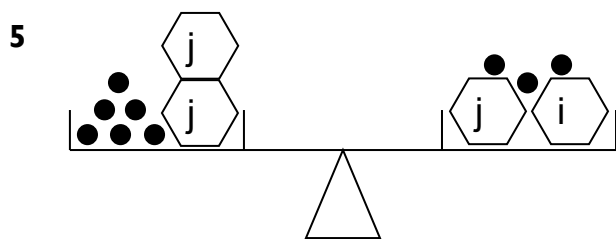
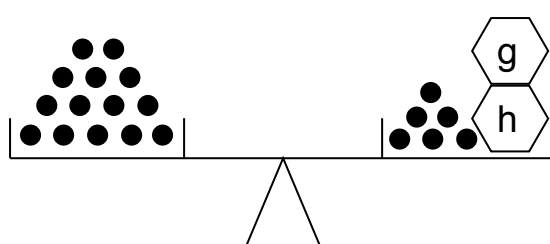
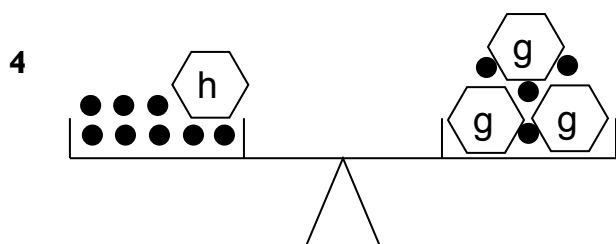
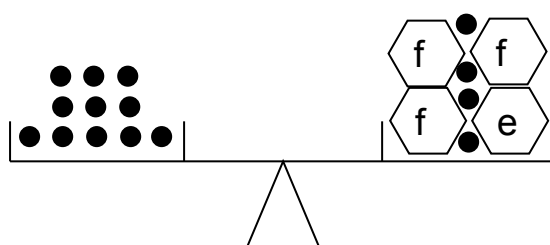
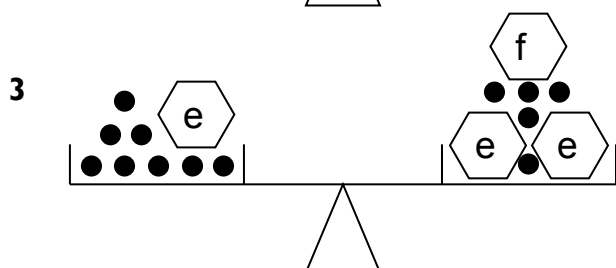
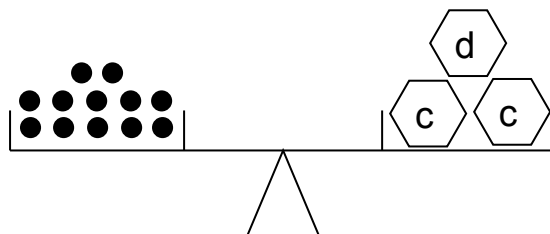
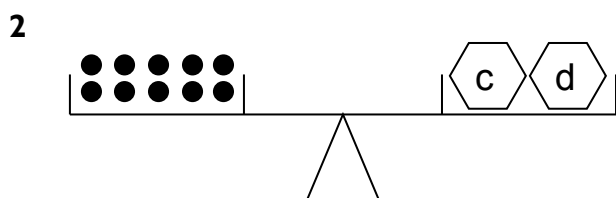
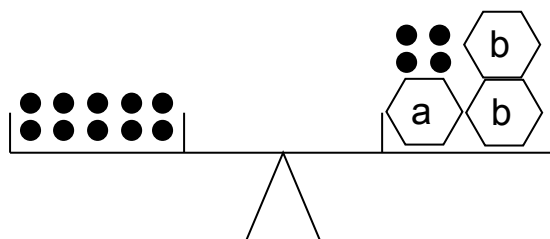
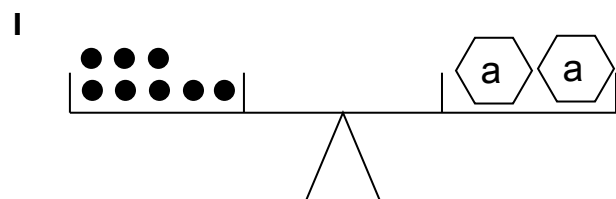


The next two questions have interesting answers!



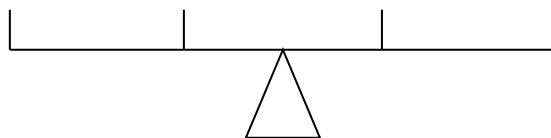
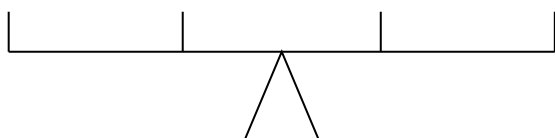
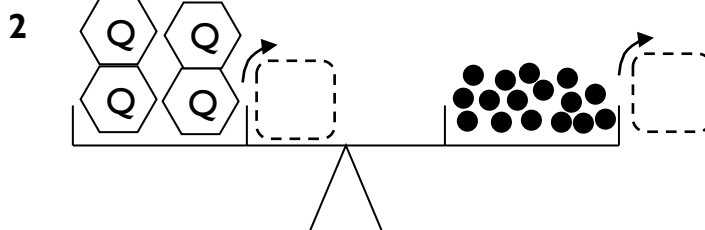
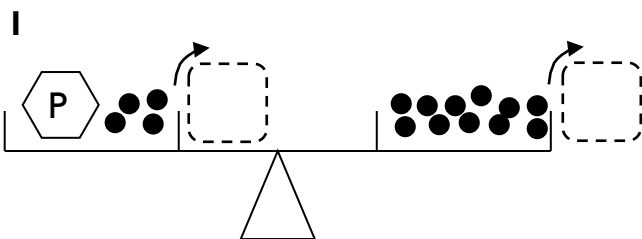
Pairs of Balances

In your book, draw these diagrams in order to help you work out the value of the unknown weights in each question.



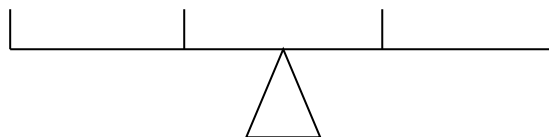
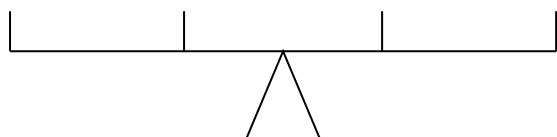
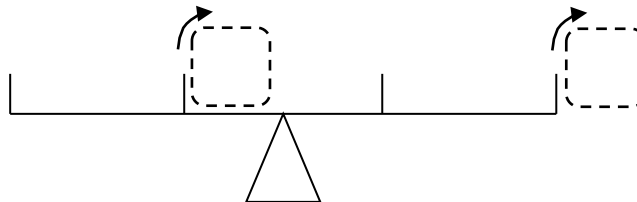
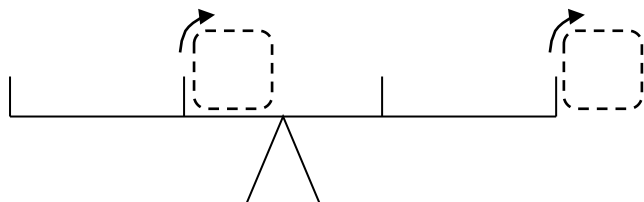
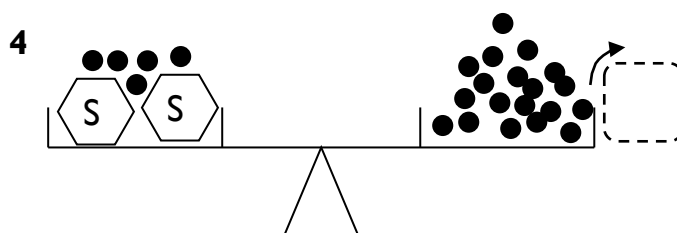
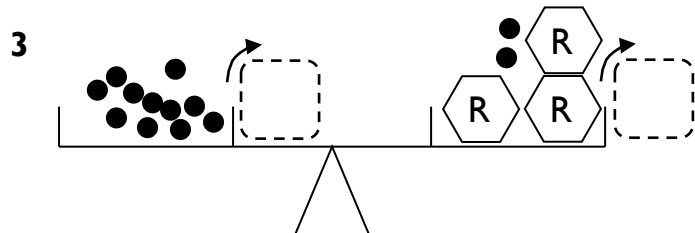
Balance Problems - Homework

Name: _____



Conclusion:

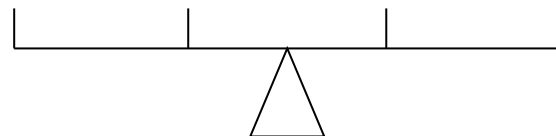
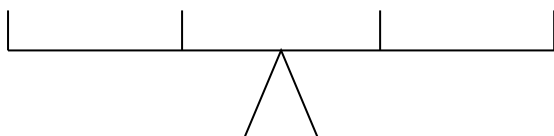
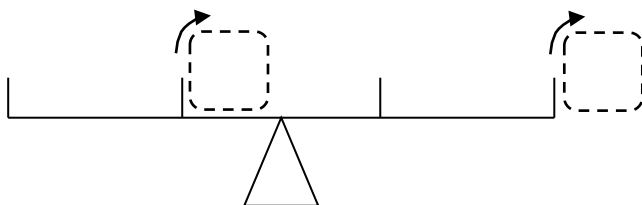
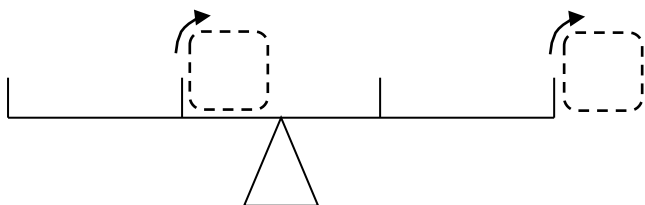
Conclusion:



Conclusion:

Conclusion:

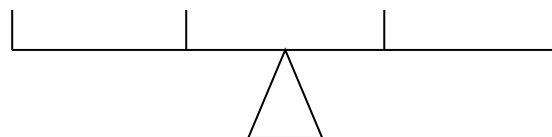
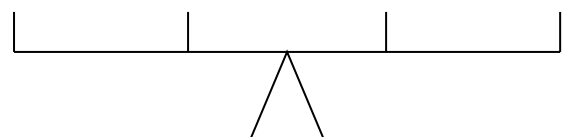
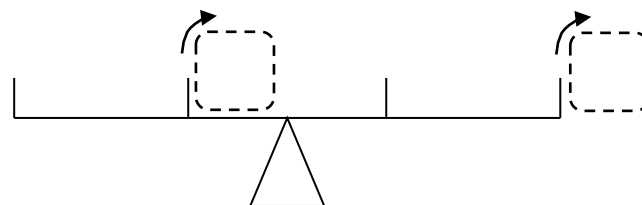
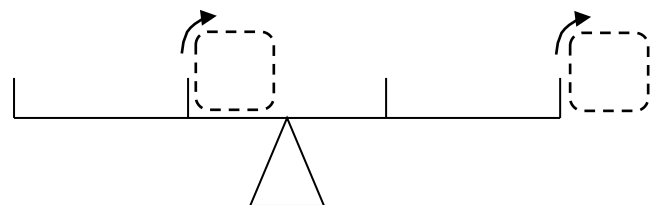
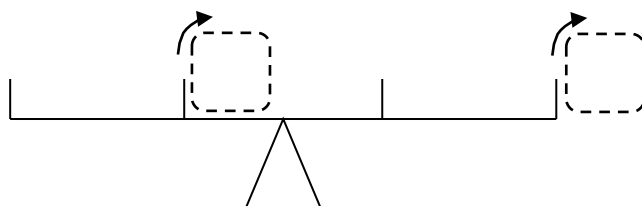
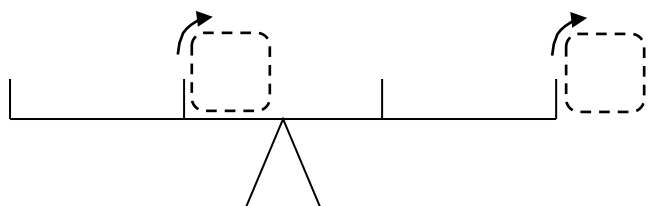
- 5 Make up two different balance problems which can be solved in one stage.
Then solve your own problems.



Conclusion:

Conclusion:

- 6 Make up two different balance problems which take two stages to solve them.
Then solve your own problems.



Conclusion:

Conclusion:
