





## LATER THAT AFTERNOON...





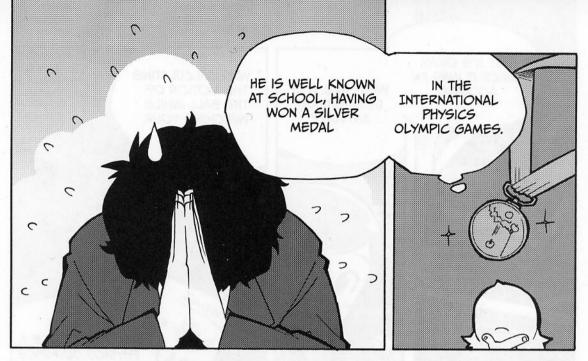












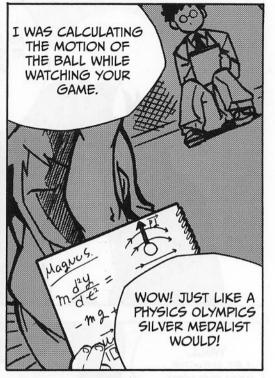








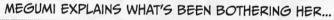


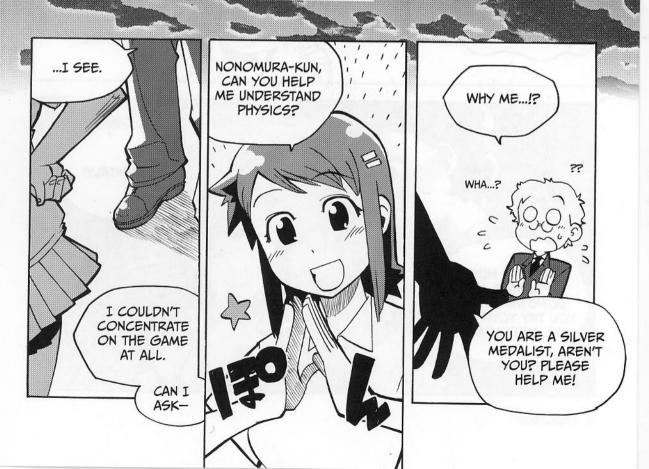




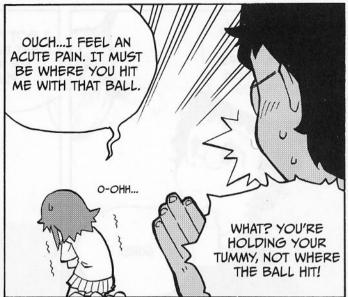






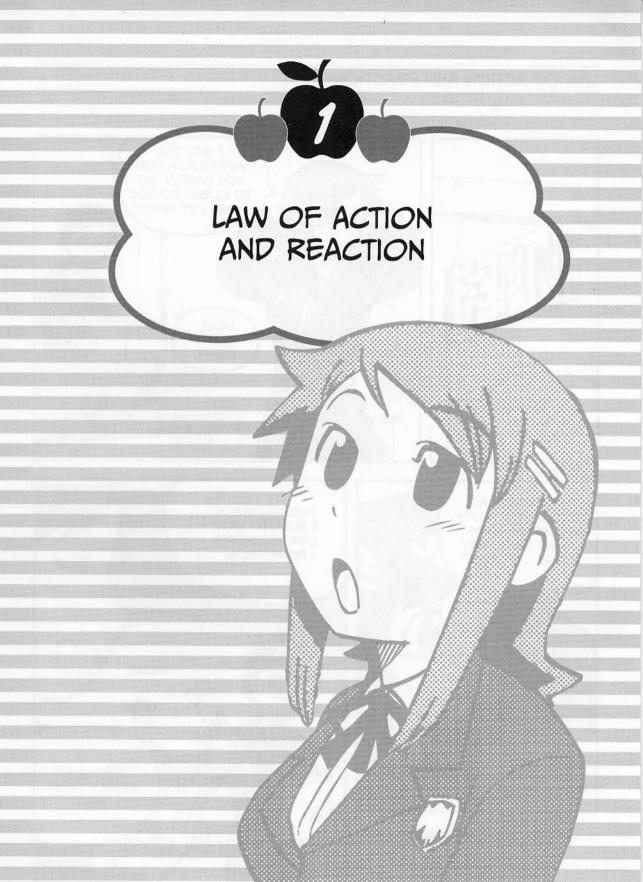












## LAW OF ACTION AND REACTION





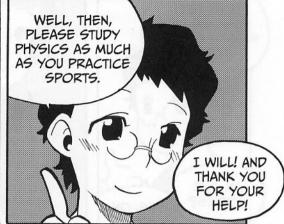
\* LABORATORY



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HOW THE LAW OF ACTION AND REACTION WORKS

NOW, LET'S GET STARTED.





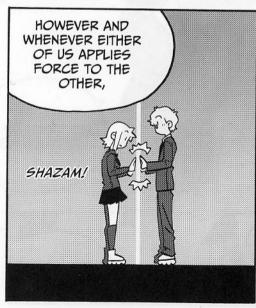


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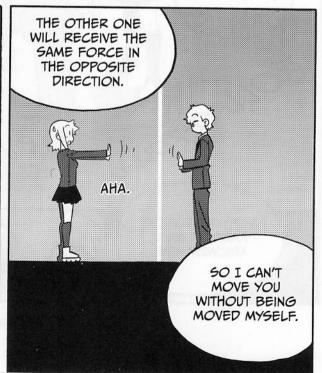






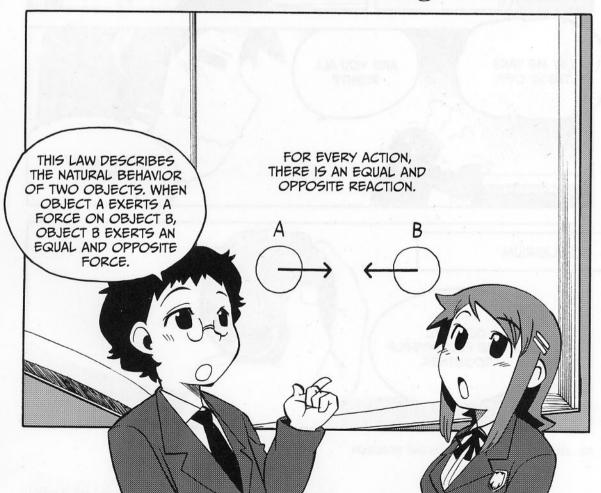


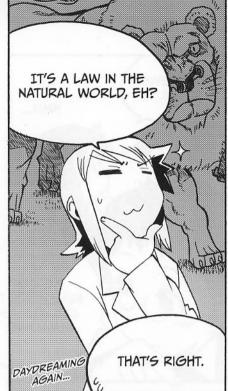












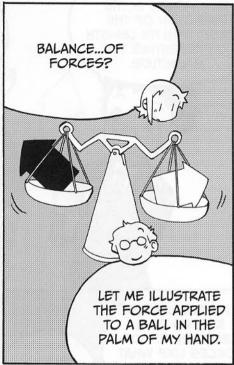


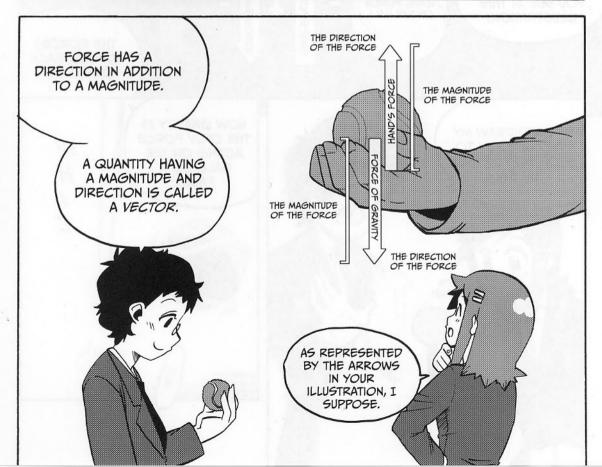




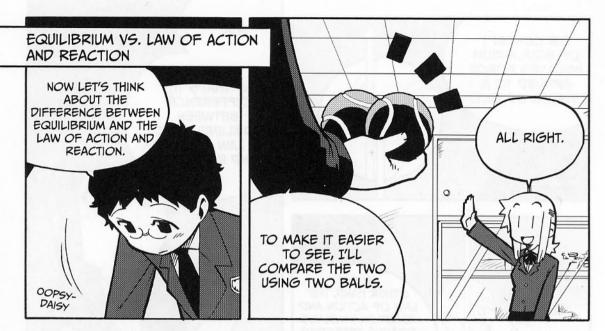


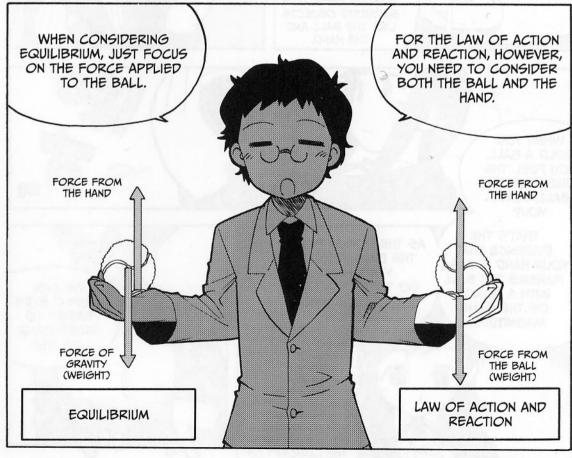


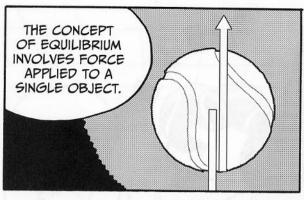


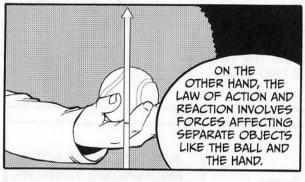


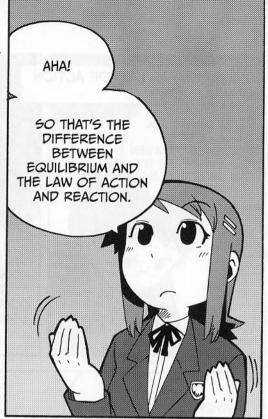








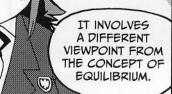




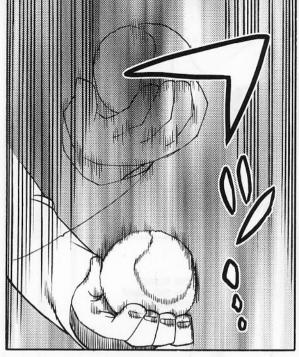


THAT'S THE
EVIDENCE THAT
YOUR HAND IS ALSO
PUSHING THE BALL
WITH A FORCE
OF THE SAME
MAGNITUDE...

AS THE FORCE FROM
THE BALL PUSHING
YOUR HAND.
SO THAT'S THE LAW
OF ACTION AND
REACTION.







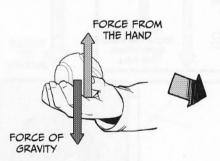




AS I SUDDENLY LOWERED MY HAND, THE BALL ALSO WENT DOWN.

YOU COULD PUT IT THAT WAY. BUT JUST THINK OF THE RELATIONSHIP BETWEEN FORCES OF DIFFERENT MAGNITUDES.

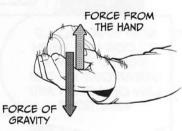
BETWEEN FORCES? HMM...



STATIC STATE
(THE FORCES ARE BALANCED.)

...THE DOWNWARD MOTION OF THE HAND RESULTS IN

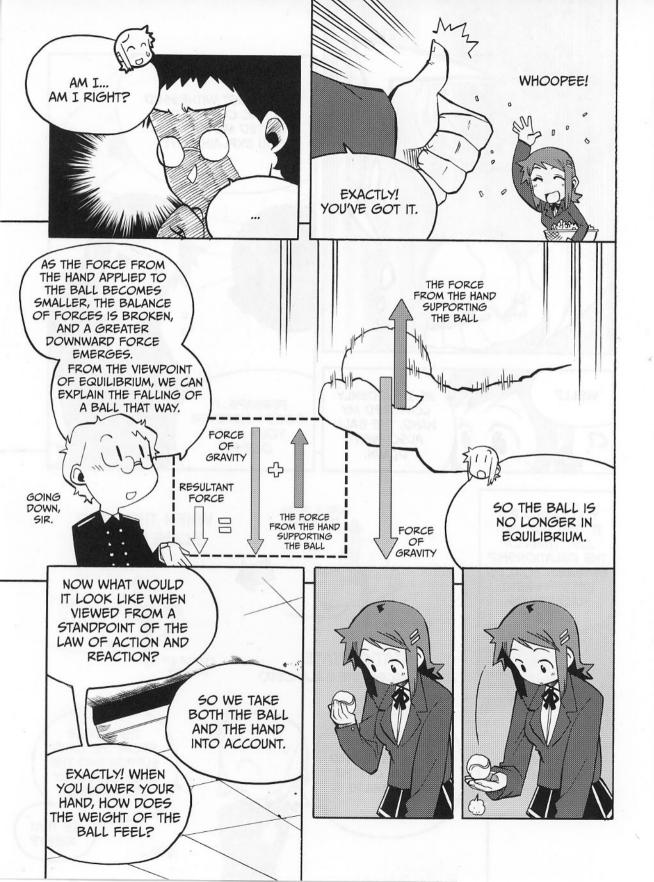
## WHEN THE HAND GOES DOWN...



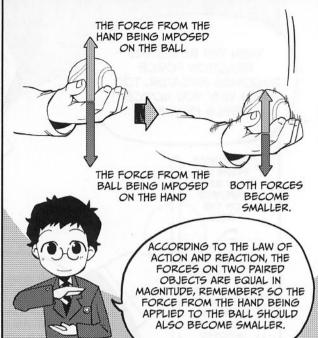
THE FORCE FROM THE HAND SUPPORTING THE BALL SUDDENLY DECREASING.

IS THAT RIGHT?

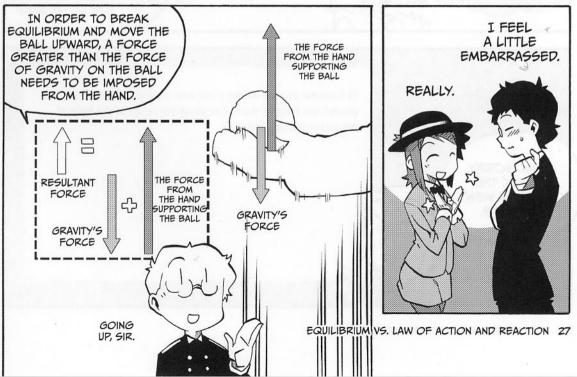
UHM...







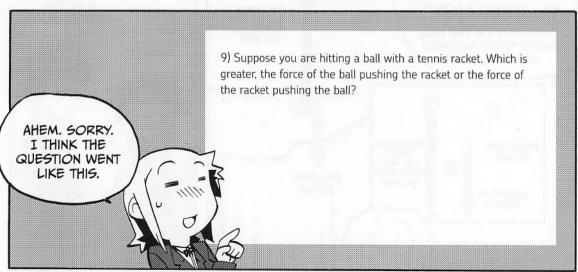


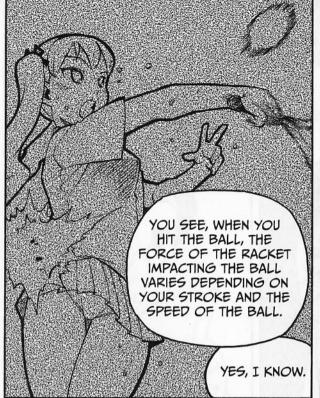


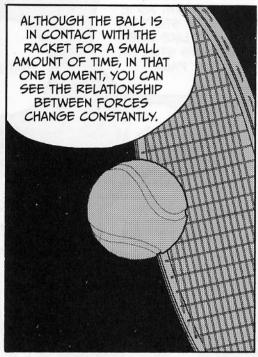






















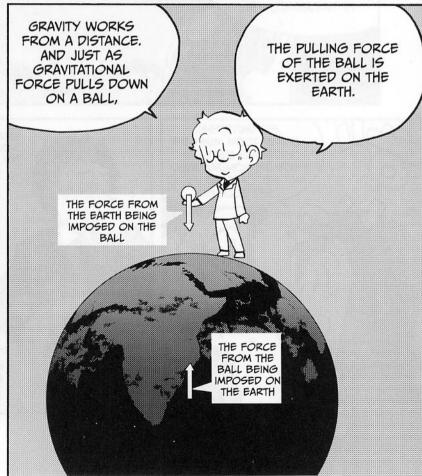




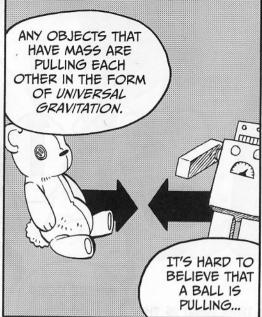


















## NEWTON'S THREE LAWS OF MOTION



