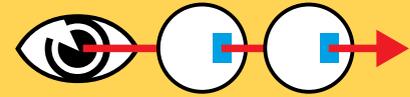




# ZOMETOOL RULES!

## 1 If it works, it works perfectly.

...and if it doesn't work, it doesn't work at all. Don't force Zometool components. You can bend a strut to fit it into a tight spot, but struts in finished models are always straight, never under tension.



Hint: you can tell which strut fits between two balls in a model by lining up the balls and looking through the holes. The holes show you the shape of the strut that fits!

## 2 Don't break it apart; take it apart!

Take Zometool models apart by grasping a strut with your fingers and pushing the ball straight off with your thumb.



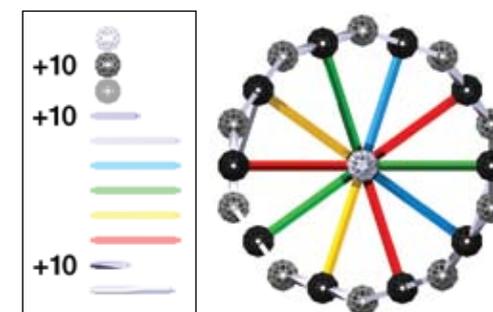
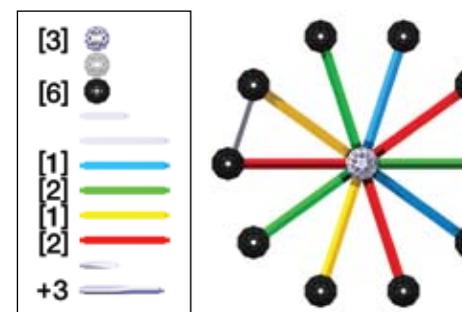
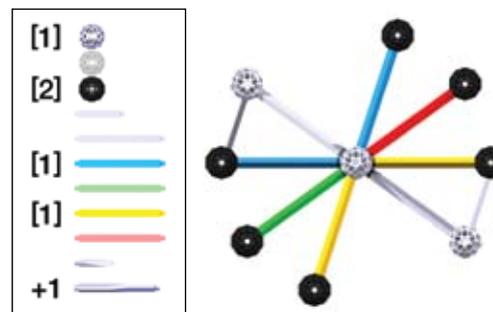
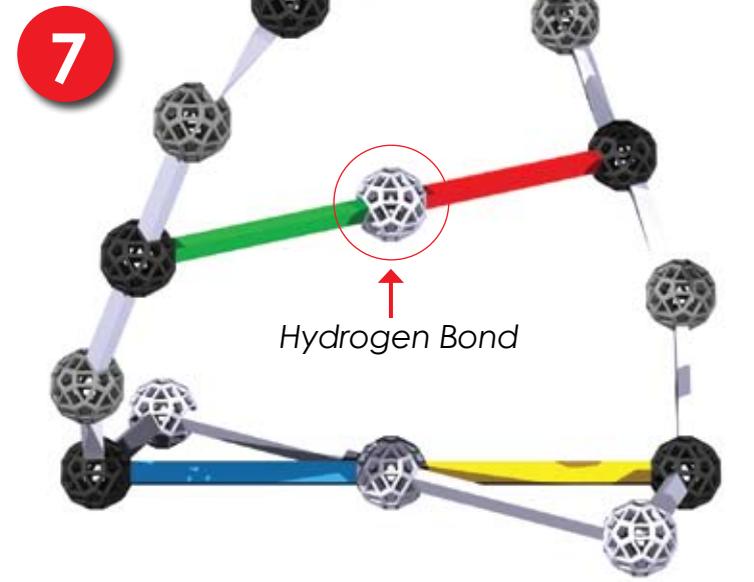
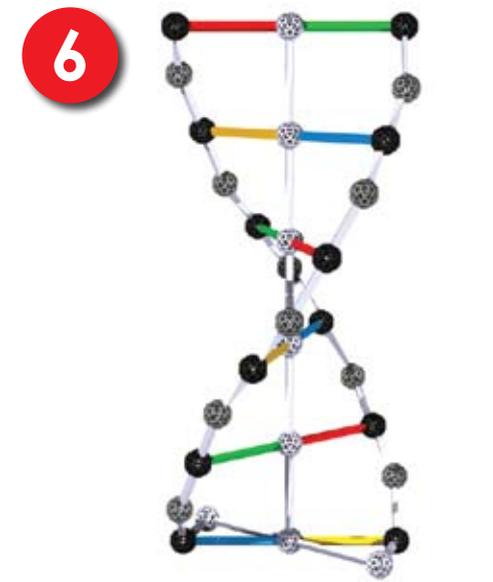
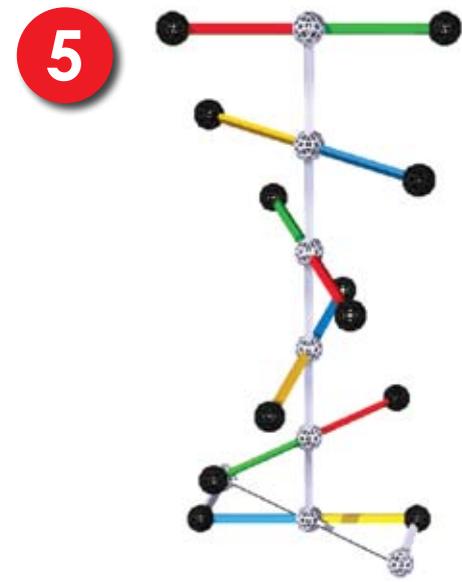
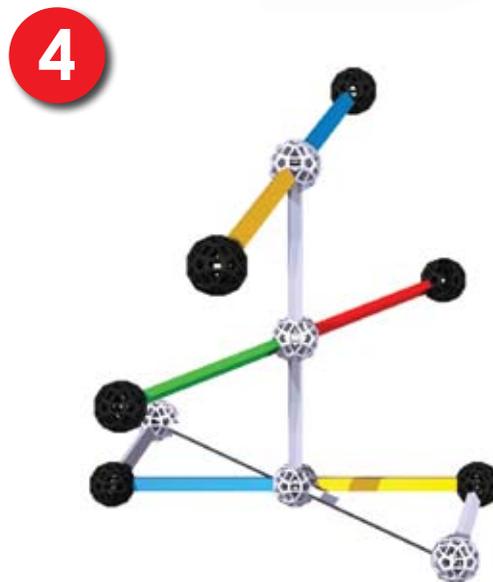
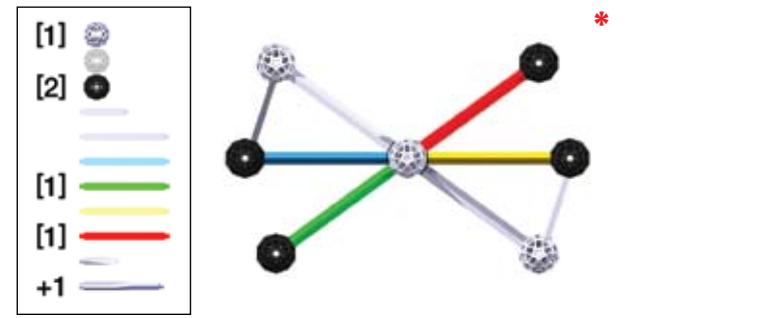
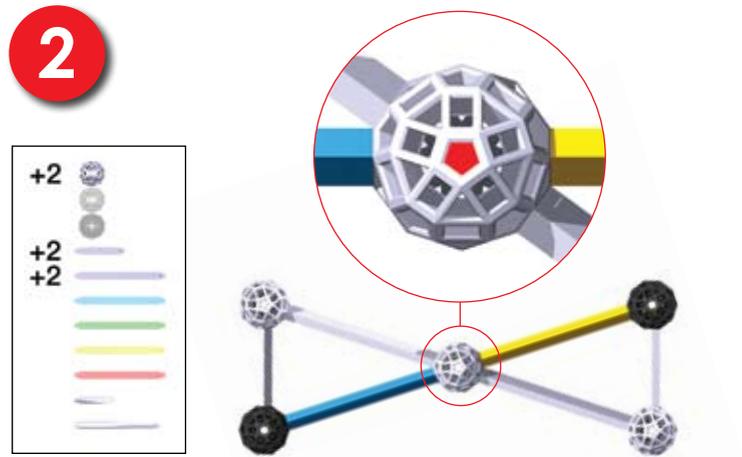
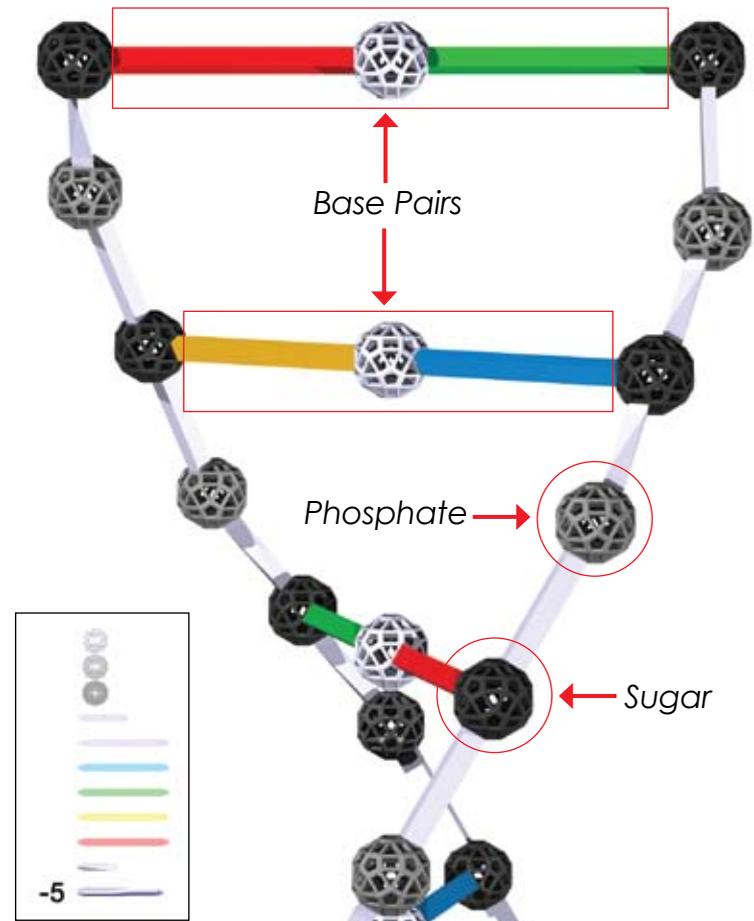
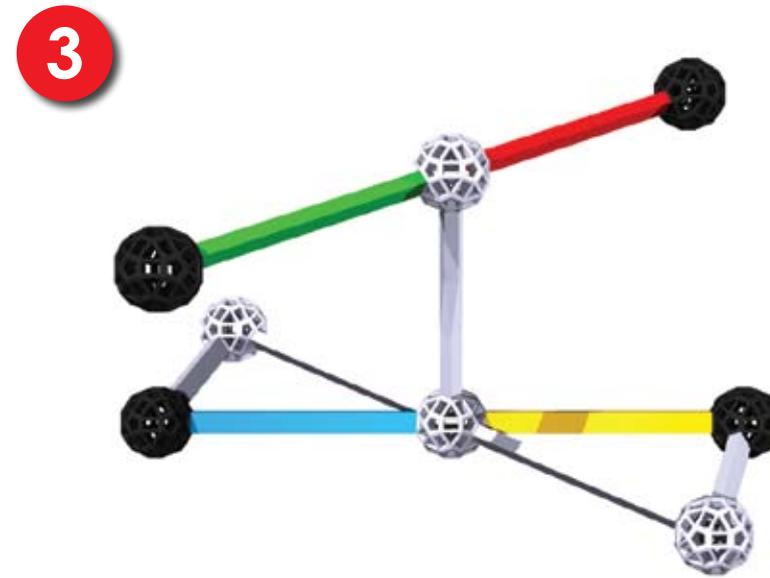
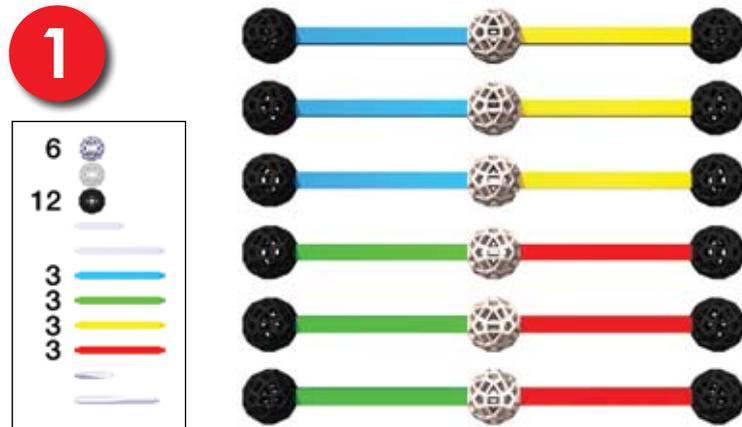
Twisting balls, pulling models apart or crushing them can cause parts to break!

## 3 Leave the place cleaner than you found it.

It's always a good idea to clean up when you're done. If we work together, we can make the world better.



\*We replace accidentally broken parts for free; visit [www.zometool.com/warranty](http://www.zometool.com/warranty) for details.



# zometool®

Whether you want to ask better questions or learn better answers, Zometool is your ticket to discovery and fun. From numeracy to nanotechnology, quasicrystals to quantum mechanics, the destination is always the same: understanding our amazing universe.

- Our mission:
- make learning fun
  - create value
  - build a better world



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Zometool Phage Virus Project — thanks to Dr. Steve Yoshinaga, concept and copywriting; Dr. Brenda Yoshinaga, editing; Dr. Scott Vorthmann, vZome software used for renderings; Anni Wildung and Tara Brouwer, graphic design; Paul Hildebrandt, project management etc. Contact paulh@zometool.com. © 2009 Zometool Inc.

**FUN FACT:** Although an average human cell is only about 0.00001 meter long, if you stretched out all the DNA in one of your cells, it would be about 2 meters long. If you stretched out all the DNA in *all* of your cells, it would reach the moon and back — 200,000 times.

\*TOP VIEW: This model accurately represents the 5 base pairs per half turn of the double helix. DNA is built around the number 5!