

# Solid Drawing & Appeal

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ARTS 193 | Melisa, Kristine, Jordany

# Solid Drawing

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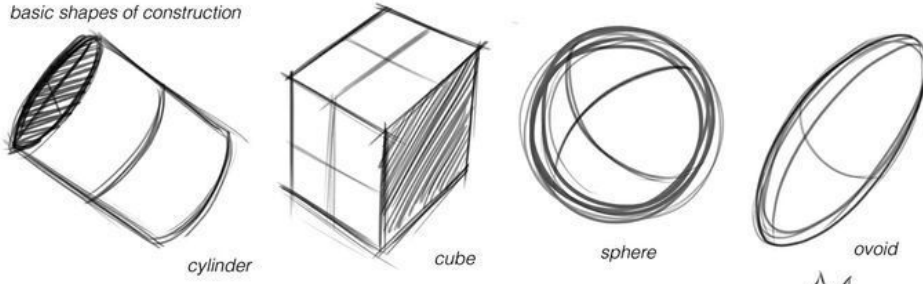
# What is **Solid Drawing**?

- In 2D Animation, the animator's goal is to create flat drawings that look like they occupy 3D space--drawing with perspective
  - Drawings with volume, weight, and balance
  - The animator should be able to draw a character from all angles



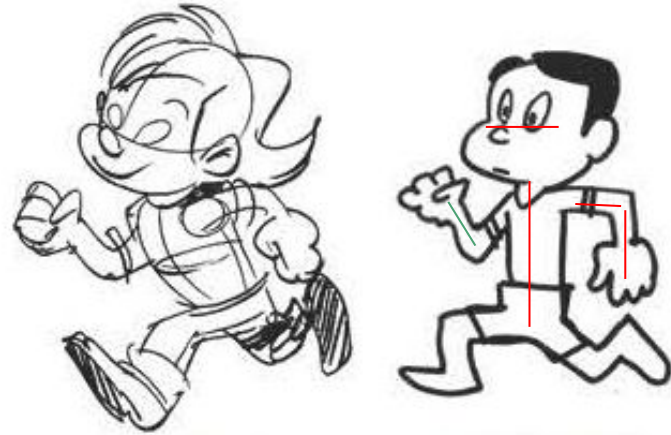
Drawing with basic solid shapes like spheres, cubes, and cylinders makes the character look more realistic and less flat. Solid shapes help to show the space your character is occupying

*basic shapes of construction*



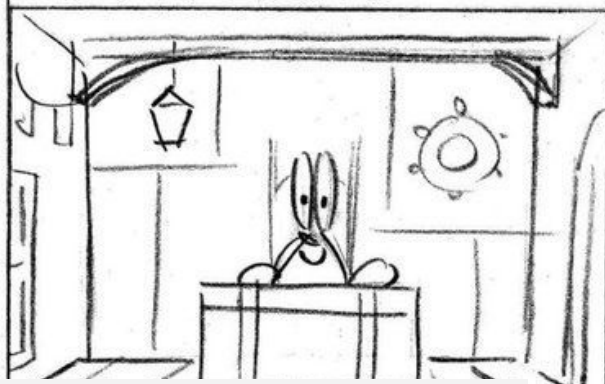
Lines should follow the contour of the solid shape--straight lines make the drawing flat.

## 11. SOLID DRAWING

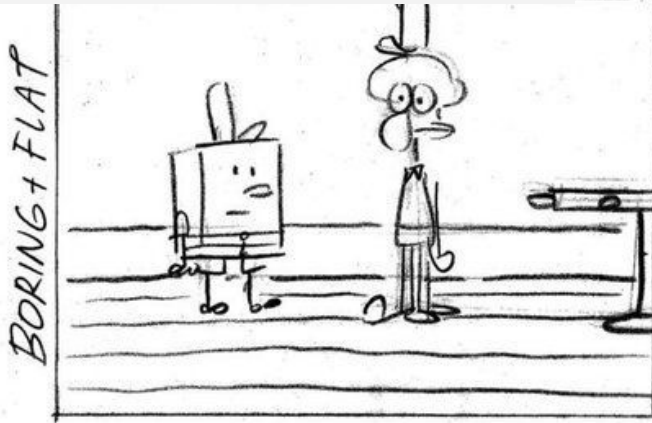


**BELIEVE THAT YOUR CHARACTERS  
EXIST IN A 3-DIMENTIONAL WORLD**

TOO FLAT + BORING

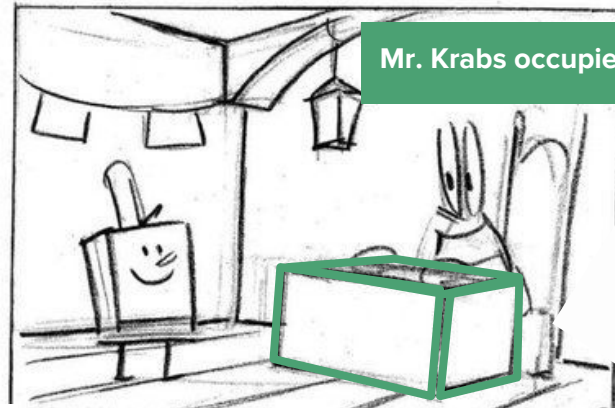


Drawing with occupying space in mind makes the character and even the overall composition of scenes more interesting



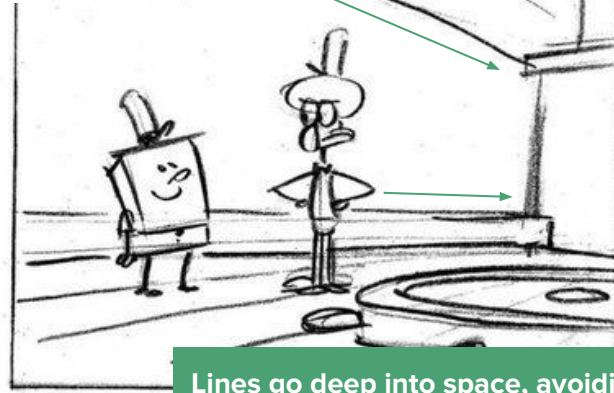
VS

NICE! HAS A SENSE OF SPACE. LOOK AT ALL THE COOL NEGATIVE SPACE SHAPES.



Mr. Krabs occupies 3D space

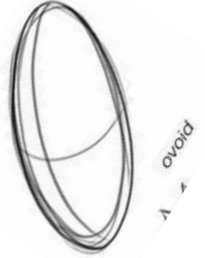
The table is now a solid shape



Lines go deep into space, avoiding parallel lines

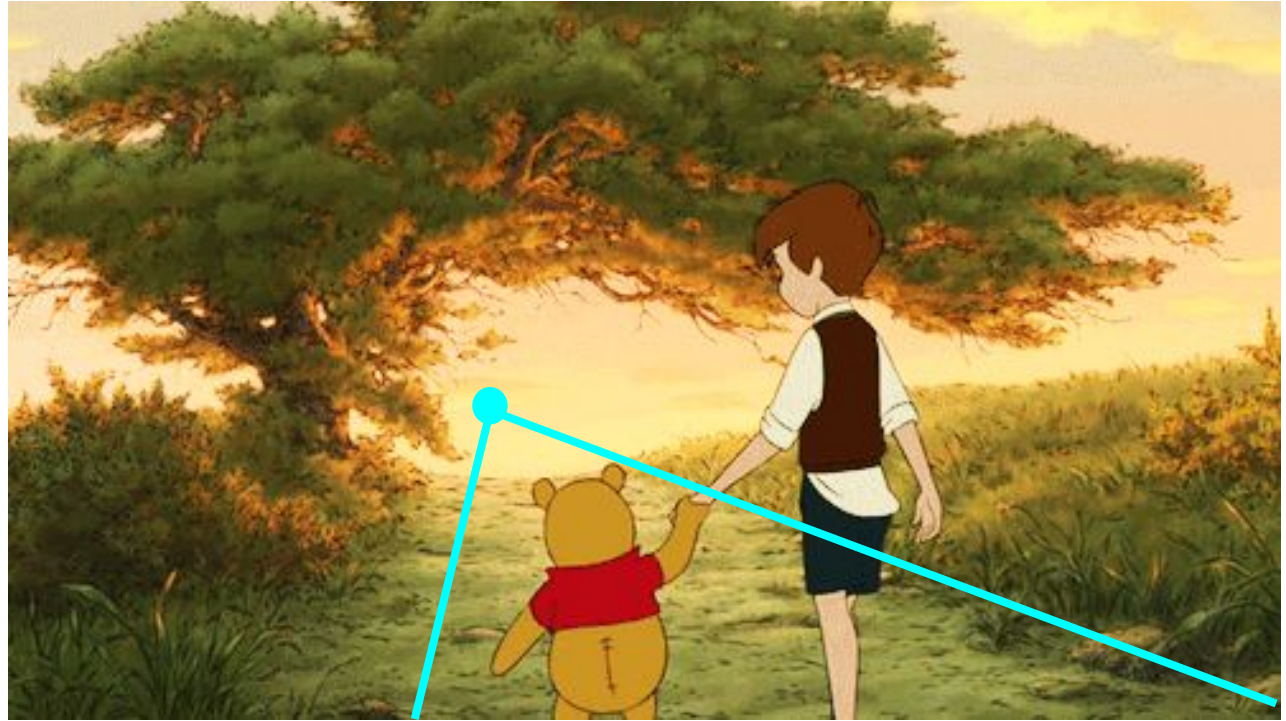
BETTER!

and Pictures by Sherm Cohen www.CartoonSNAP



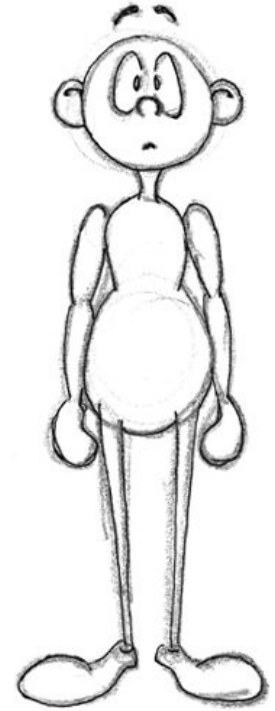
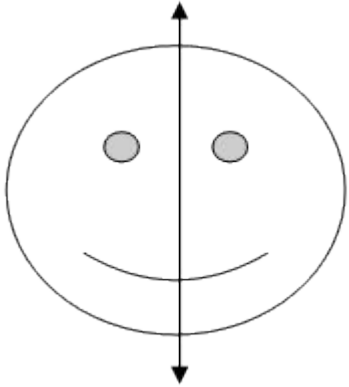


The two characters  
get smaller the farther  
they are from the  
viewer and the closer  
they get to the  
vanishing point



# Symmetry

- Mirror image, both sides are the same
  - In these images, the arms, legs and face are all symmetrical
  - Symmetry causes a drawing to appear flat

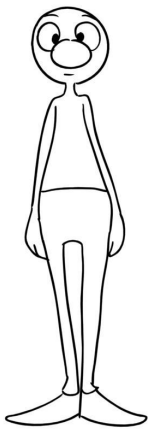




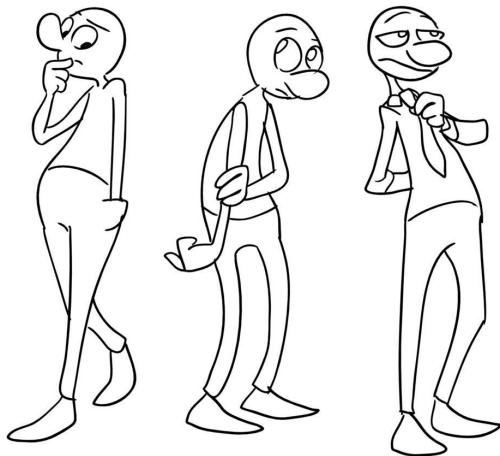
# Twinning

- When there is too much symmetry
  - Avoid twinning for a more natural and dynamic look

Even a CHARACTER  
DOING NOTHING...



...SHOULD BE DOING SOMETHING!

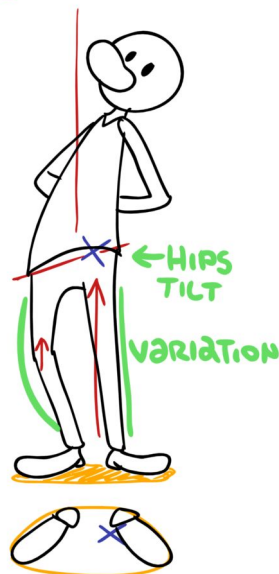


BORING

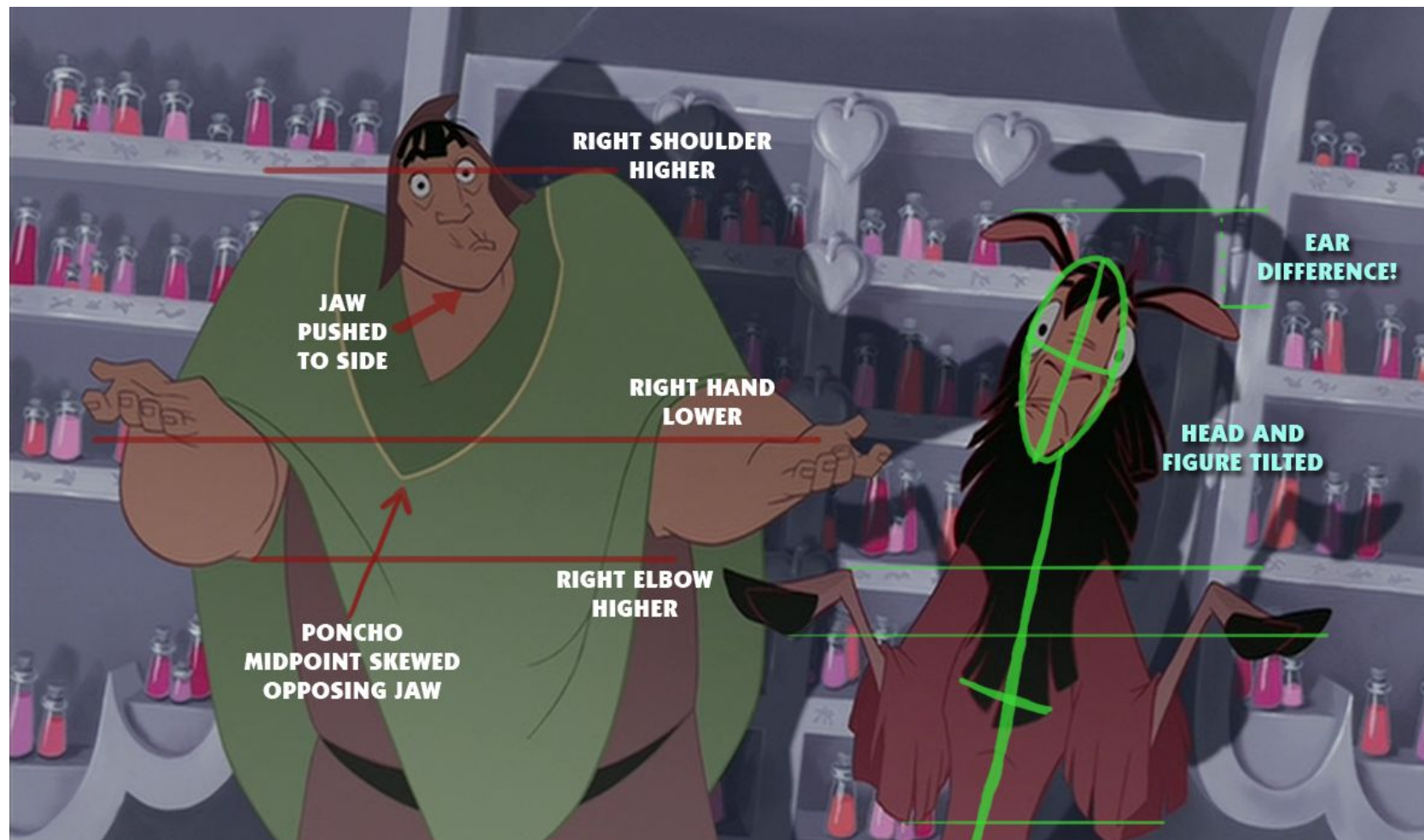
TWINNING



BETTER:



Show weight, balance and volume with the character's pose to avoid the flat look.



# Appeal

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- SUBJECTIVE
- A quality of charm, pleasing design, simplicity, communication, and magnetism.
- Everyone has different preferences, but giving it a design can boost appeal



Fig. 1



Fig. 2

- Charisma in an actor = appeal in animation
- Viewer feels the character is real and interesting

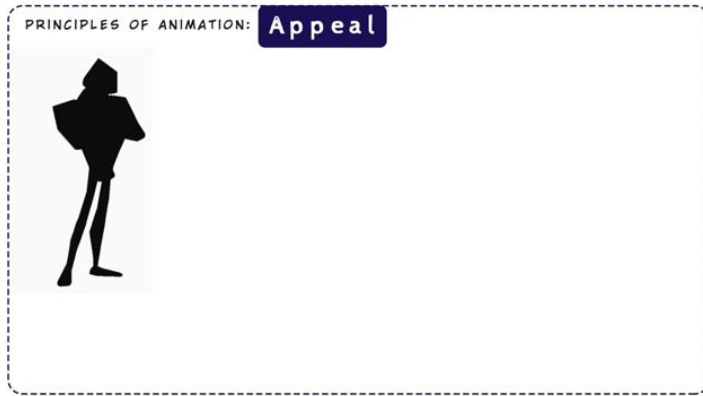


Fig. 3

- Pleasing design
- Proportions
- Control of variety of shapes

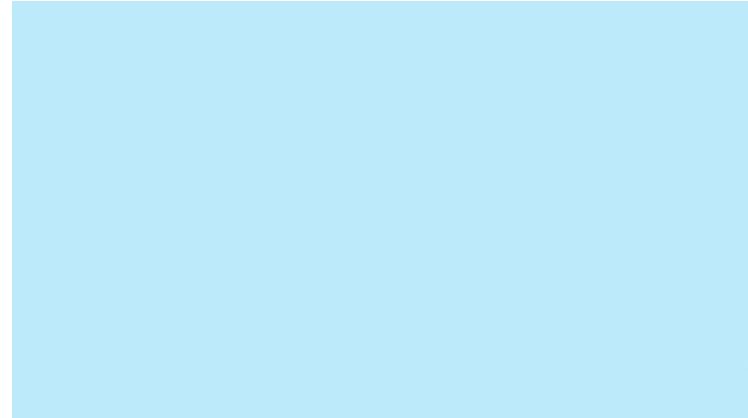


Fig. 4

- Pleasing / charismatic aspect
  - Applies to antagonists!!
  - Not always good looking, but interesting
- Easy to read design, clear drawing, and personality development will capture and involve audience's interest.



Fig. 5



Fig. 6



Fig. 7

# Bad Appeal

- Weak drawing
- Complicated or hard drawing
- Poor design, clumsy shape, awkward moves
- Twinning



Fig. 8



Fig. 10

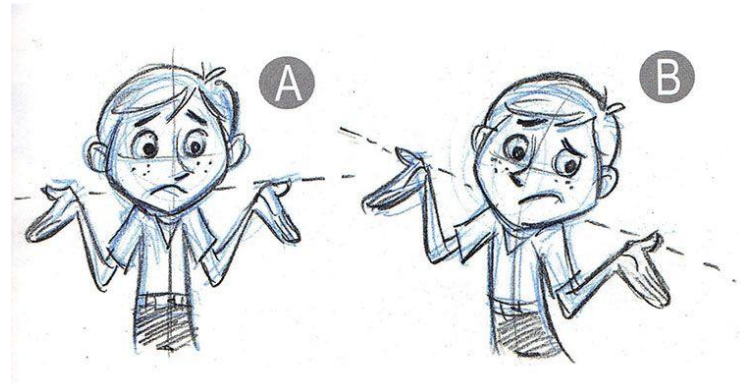


Fig. 9



To create better appeal in animations:

- Different shapes
- Play with proportions
- Keep it simple
- Give the character a personality

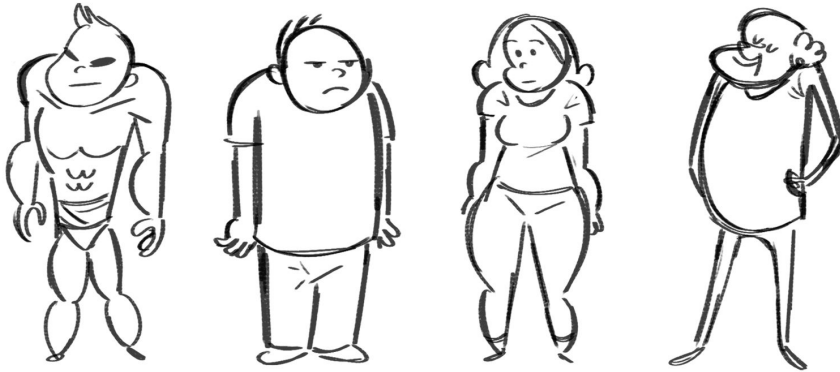


Fig. 11



Fig. 13



Fig.12



# Citations

## APPEAL:

- Fig. 1- <https://giphy.com/gifs/disney-i-love-her-jessica-rabbit-10coQMz0hPs98Y>  
Fig. 2- <https://idearocketanimation.com/13721-12-principles-of-animation-gifs/>  
Fig.4- <https://www.brownbagfilms.com/labs/entry/12-principles-of-animation-appeal-tutorials>  
Fig.5- <https://giphy.com/gifs/courage-the-cowardly-dog-CilMwvR1XuyJO>  
Fig.6- <https://giphy.com/gifs/the-simpsons-excellent-mr-burns-8fen5LSZcHQ5O>  
Fig.7- <https://giphy.com/gifs/love-disney-pixar-7Ed9FMQxevWli>  
Fig.8- <https://blog.animationmentor.com/appeal-the-12-basic-principles-of-animation/>  
Fig.10- <https://www.youtube.com/watch?v=ofSblkYMPDk>  
Fig. 11- <https://hollycdesigns.wordpress.com/2017/05/03/12-principles-of-animation/>  
Fig.12- <https://giphy.com/gifs/pinky-and-the-brain-Dt9n6i4FprQre>  
Fig.13- <https://giphy.com/gifs/dancing-cartoon-network-johnny-bravo-5UfRXilwqHy4U>

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[https://www.youtube.com/watch?v=7An0jukOkCI&list=PL-bOh8bttec4CXd2ya1NmSKpi92U\\_l6Zld&index=11](https://www.youtube.com/watch?v=7An0jukOkCI&list=PL-bOh8bttec4CXd2ya1NmSKpi92U_l6Zld&index=11) [Accessed 7 April 2019].

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