



Where to begin... well... I suppose the first thing to consider in drawing a character is its **CONSTRUCTION**. The character must be constructed out of **basic shapes** -

That is to say **3D** Dimensional shapes, spheres

Boxes



AND CYLINDERS



Not 2 Dimensional shapes
Such as



circles



squares



& rectangles

Are you able to draw the basic shapes so that they look 3 Dimensional - and not 2D?

IF SO... you ARE READY TO MOVE ON

MANIPULATING the Basic Shapes

You Can STRETCH 'EM!

BEND 'EM!

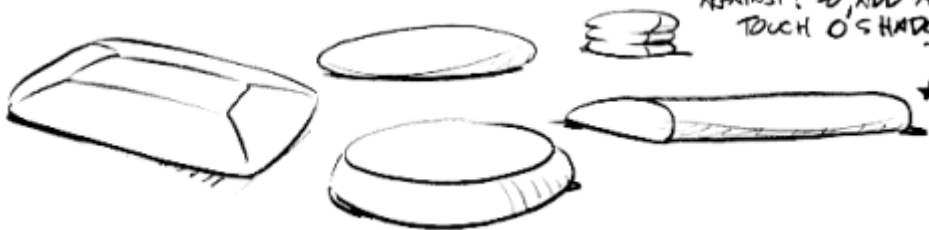


TWIST 'EM!



SQUASH 'EM!

IT'S BETTER IF YOU HAVE
SOMETHING TO SQUASH 'EM
AGAINST! SO, ADD A
TOUCH O' SHADOW!



NOW

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Let's practice manipulating the basic shapes starting with the ball.



PLOT A SERIES OF ARCS FOR IT TO FOLLOW...



And bounce the ball **ALONG** it!



Note

WHERE THE BALL IS SQUASHED AT THE BOTTOM OF EACH ARC WHERE IT COMES TO A SUDDEN HALT UPON MEETING WITH EARTH THEN - THE BALL IMMEDIATELY POPS TO A STRETCH AS IT'S RUBBERY COMPOSITION PROPELS IT RAPIDLY TO THE TOP OF THE NEXT ARC.



BUT HOLD!!

HERE IS WHERE GRAVITY DOES IT'S THING! THE BALL MEETS THIS FORCE AND SLOWS IN IT'S ASCENT - BEING PUSHED BACK TOWARD EARTH FOR ANOTHER SQUASH!! Heh Heh heh!

THIS IS WHY YOU SHOULD **SLOW OUT** OF THE TOPS OF THE ARCS!



REMEMBER

IF YOUR BALL IS MADE OF RUBBER,
IT WILL HAVE ELASTICITY, AND WILL
SQUASH UNIFORMLY OR ELLIPTICALLY



IF YOU FLATTEN IT ON THE
BOTTOM, IT WILL LOOK LIKE A
SORRY, SQUASHED MEATBALL



So, After you've got that down, try animating it in PERSPECTIVE!

Plot a series of ARCS GROWING EITHER BIGGER TOWARD CAMERA
OR SMALLER AWAY FROM CAMERA



BY THE WAY,
YOU CAN USE A
SHADOW TO SHOW THE
BALL'S RELATIONSHIP
TO THE EARTH
THROUGHOUT!



After that, try it with the OTHER BASIC SHAPES, THE BOX
AND THE CYLINDER - IMAGINE THEY'RE MADE OUTTA RUBBER!
OR EVEN THAT THEY MAY BE ALIVE! HAVE SOME FUN!



Once you've mastered manipulating the basic shapes,
 you're ready to start constructing a character!
 Let's make a meld of two basic shapes,

THE BALL AND THE BOX



Put 'em together
 and waddya got?

