

THE WONDERFUL WORLD OF OOB'S



**AN INTRODUCTION TO THE OUT OF BOUNDS
STYLE OF PHOTO MANIPULATION
TUTORIAL**

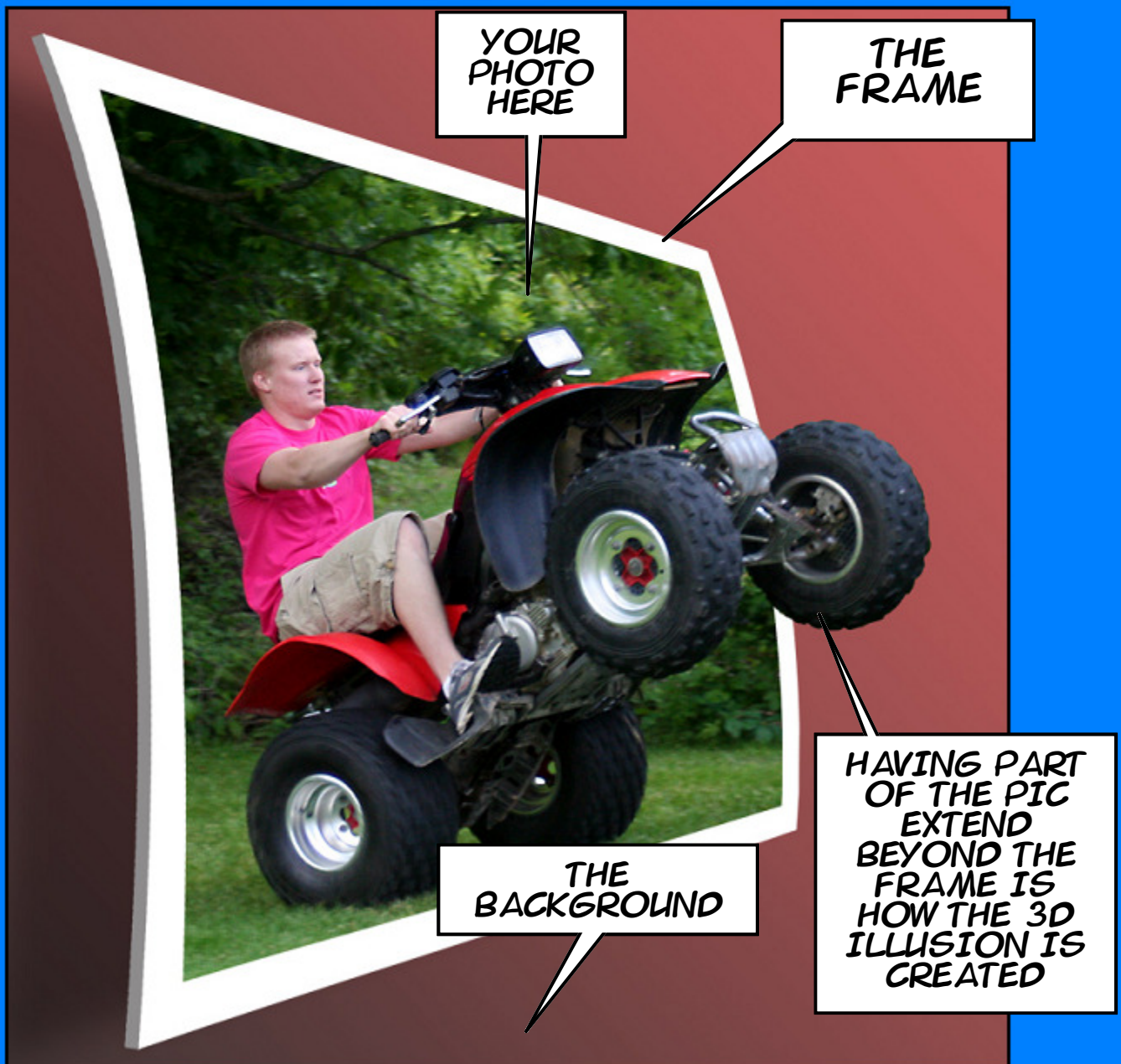
SERRATOR 5/06

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WHAT ARE OOB'S?



**OUT OF BOUNDS...OR AS IT IS MORE COMMONLY KNOWN AS "OOB" IS A TECHNIQUE TO MANIPULATE PHOTO'S TO CREATE THE ILLUSION OF 3D
SEE THE EXAMPLE BELOW FOR DETAILS...**



THE OOB TECHNIQUE HAS BEEN AROUND A LONG TIME. IF YOU BEGIN TO DISCERN THIS MODE YOU WILL FIND IT'S USE IN MANY PLACES FROM MAGAZINE COVERS TO NEWSPAPER FLYERS.

I THINK IT CAN BE ARGUED THAT M.C. ESCHER IS ONE OF THE PIONEERS WHO DEMONSTRATED THIS TECHNIQUE IN HIS WORKS ELOQUENTLY.

TAKE A LOOK AT A FEW SUBTLE AND NOT SO SUBTLE EXAMPLES BELOW...



FOR THIS TUTORIAL I WILL BE USING ADOBE'S PHOTOSHOP CS2 EDITING SOFTWARE. MOST OF THE EXAMPLES SHOULD ALSO WORK IN OTHER PHOTO EDITING SOFTWARE PACKAGES.

SO LET'S JUMP IN AND GET STARTED...

FIRST THOUGH, WHICH OF THE PHOTO'S BELOW DO YOU THINK WOULD MAKE FOR A SUITABLE OOB?



WELL TO BE HONEST JUST ABOUT ANY PHOTO CAN BE MADE INTO SOME TYPE OF OOB. THERE ARE PHOTO'S THAT WILL NATURALLY BE MUCH EASIER TO CREATE THE EFFECT, OTHERS WILL TAKE MUCH MORE THOUGHT AND MANIPULATION. THE KEY HERE IS TO PICK A PHOTO THAT IS CONDUCTIVE TO THE OOB REALM WHEN BEGINNING WITH OOB'S.

FOR THIS TUTORIAL I AM GOING WITH THIS PHOTO. IT HAS SEVERAL ASPECTS THAT LEND IT TO OOB'ING.



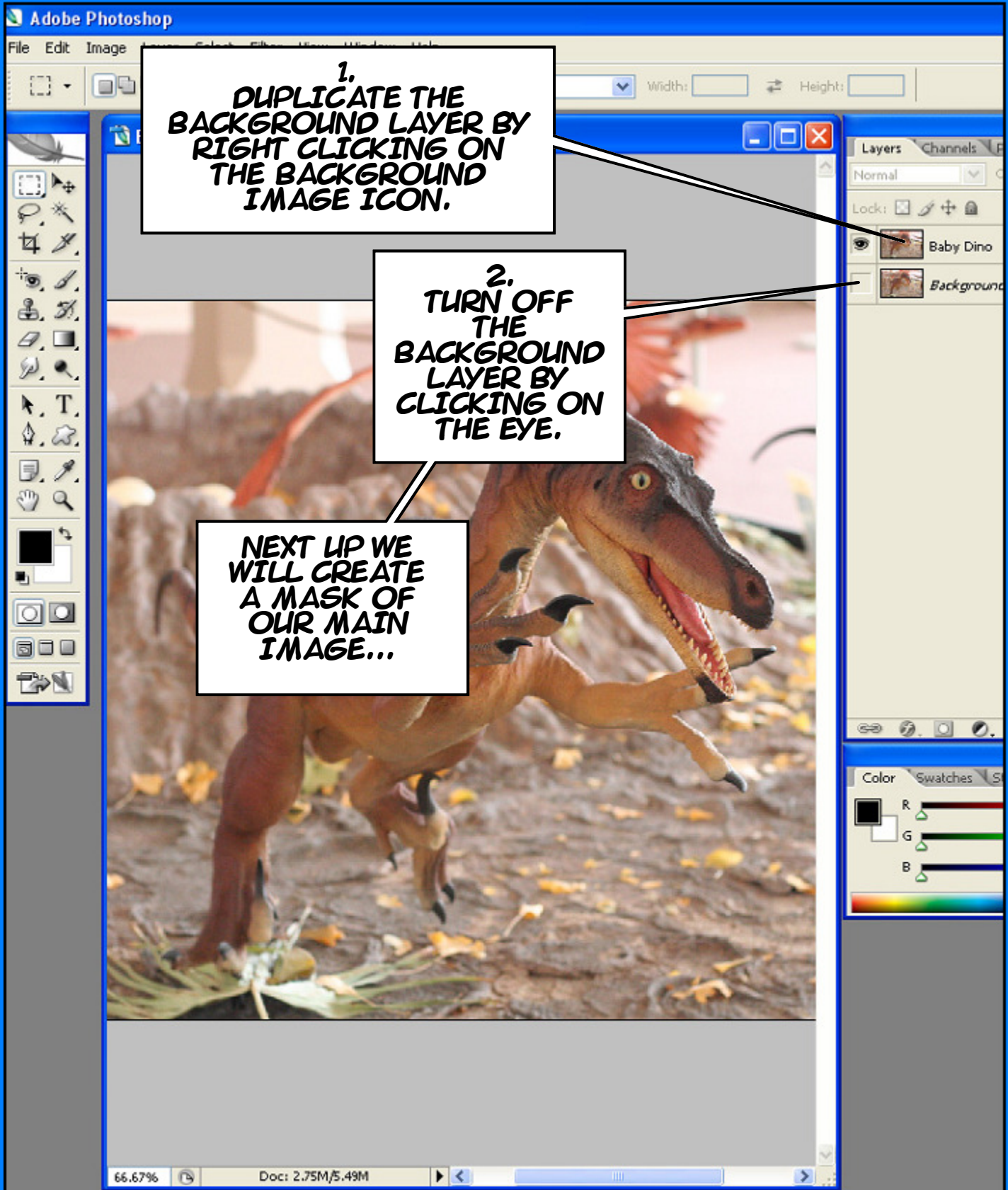
**START BY OPENING
YOUR PHOTO...I
WILL POST THIS
PHOTO IN MY
GALLERY ON FLICKR
SO YOU CAN
DOWNLOAD AND
EDIT ON IT IF YOU
DESIRE.**



TO DOWNLOAD THE FILE GO HERE:

<http://www.flickr.com/photos/28466683@N00/153709954/>

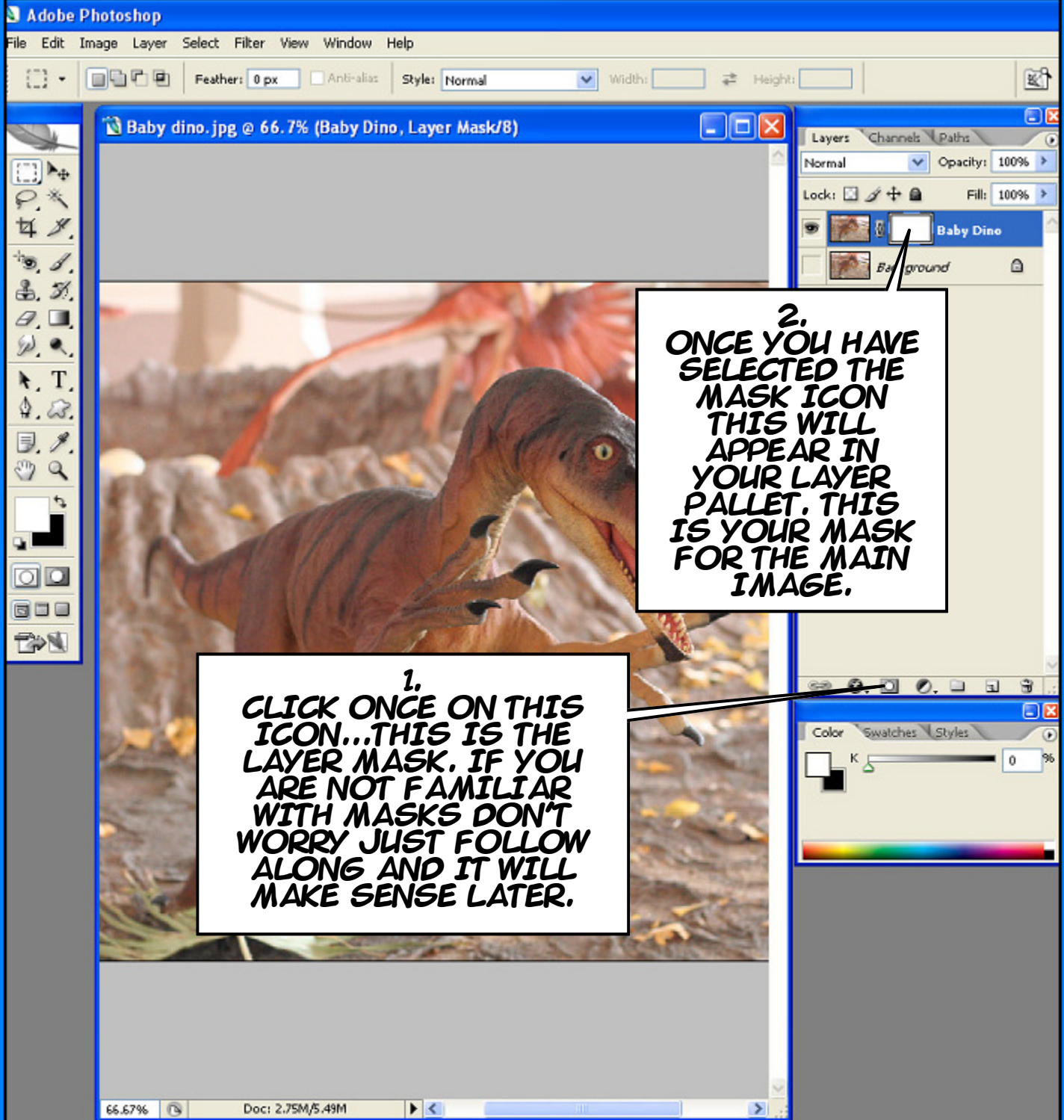
Note: In order to get the larger size of this image you will need to sign-in to Flickr...it's free though.



**1.
DUPLICATE THE
BACKGROUND LAYER BY
RIGHT CLICKING ON
THE BACKGROUND
IMAGE ICON.**

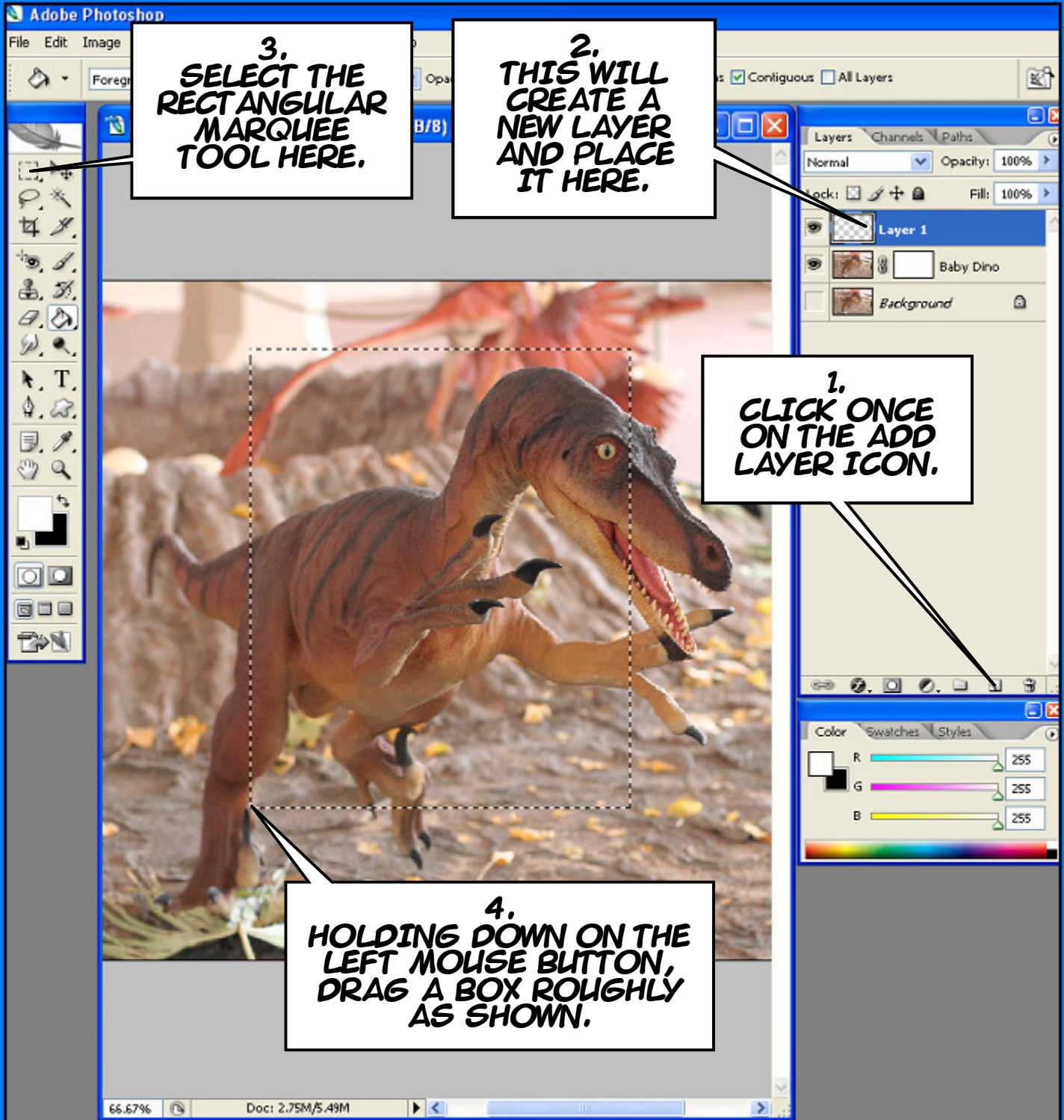
**2.
TURN OFF
THE
BACKGROUND
LAYER BY
CLICKING ON
THE EYE.**

**NEXT UP WE
WILL CREATE
A MASK OF
OUR MAIN
IMAGE...**



1.
**CLICK ONCE ON THIS
ICON...THIS IS THE
LAYER MASK. IF YOU
ARE NOT FAMILIAR
WITH MASKS DON'T
WORRY JUST FOLLOW
ALONG AND IT WILL
MAKE SENSE LATER.**

2.
**ONCE YOU HAVE
SELECTED THE
MASK ICON
THIS WILL
APPEAR IN
YOUR LAYER
PALLET. THIS
IS YOUR MASK
FOR THE MAIN
IMAGE.**

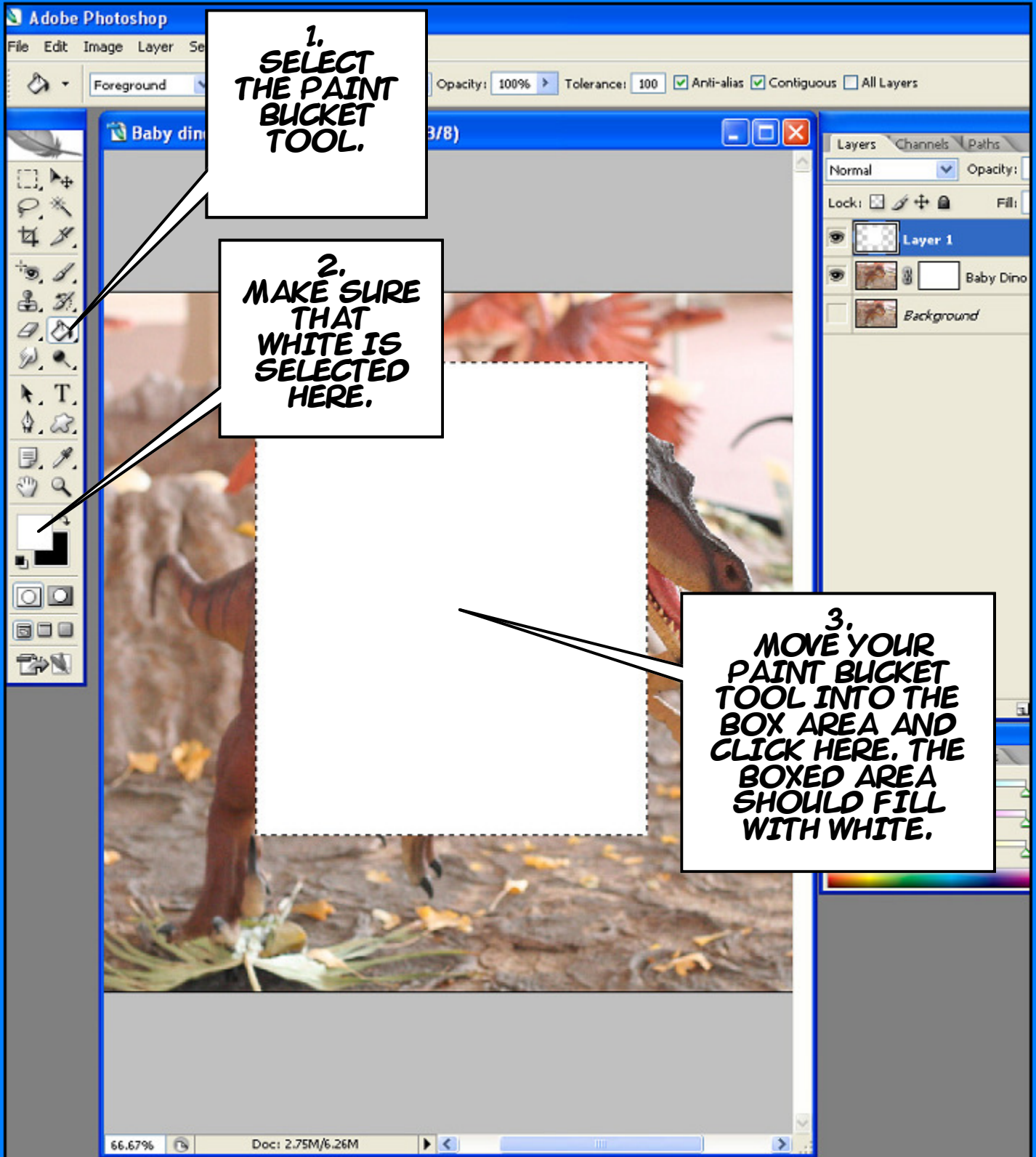


3.
SELECT THE
RECTANGULAR
MARQUEE
TOOL HERE.

2.
THIS WILL
CREATE A
NEW LAYER
AND PLACE
IT HERE.

1.
CLICK ONCE
ON THE ADD
LAYER ICON.

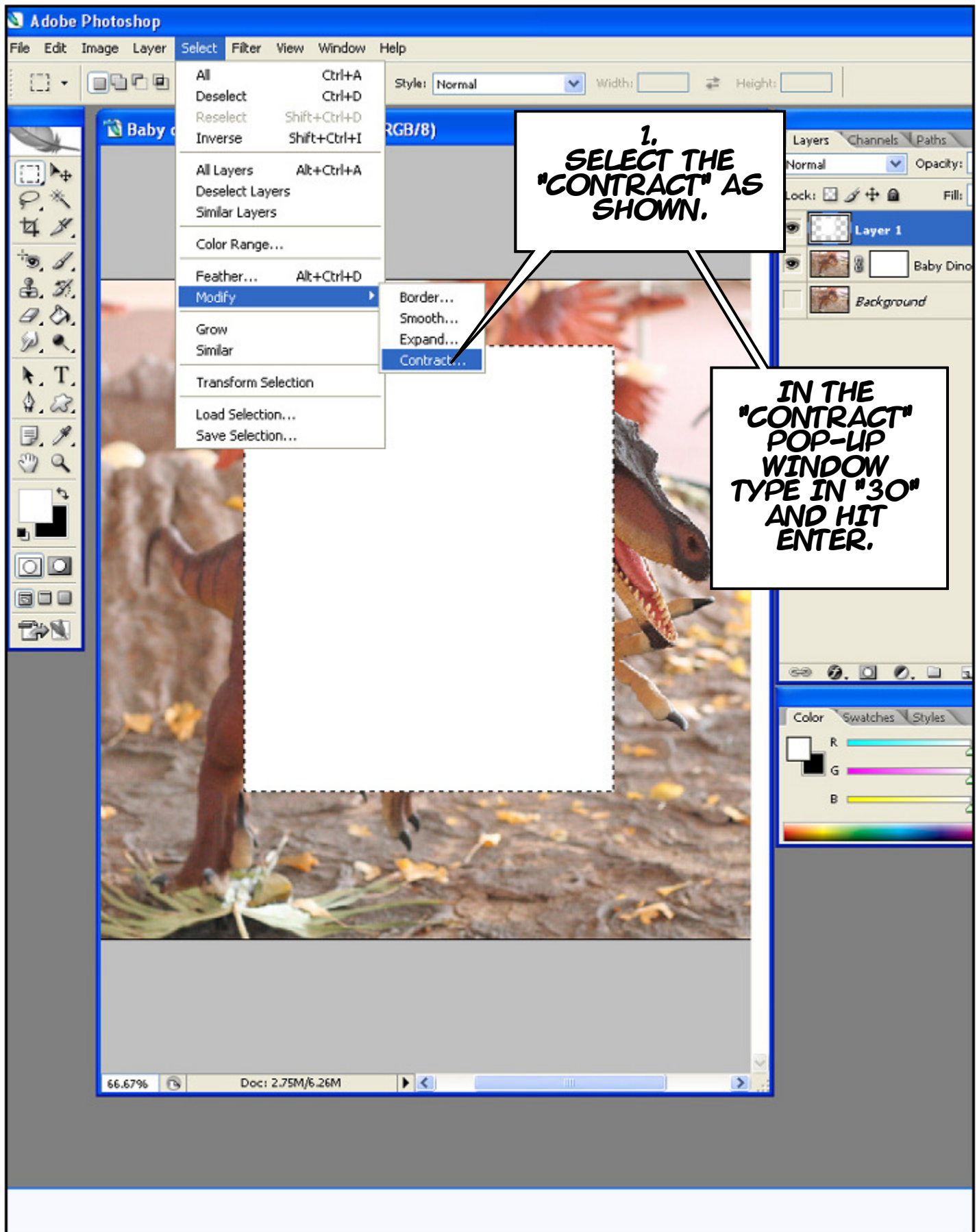
4.
HOLDING DOWN ON THE
LEFT MOUSE BUTTON,
DRAG A BOX ROUGHLY
AS SHOWN.



1.
SELECT
THE PAINT
BUCKET
TOOL.

2.
MAKE SURE
THAT
WHITE IS
SELECTED
HERE.

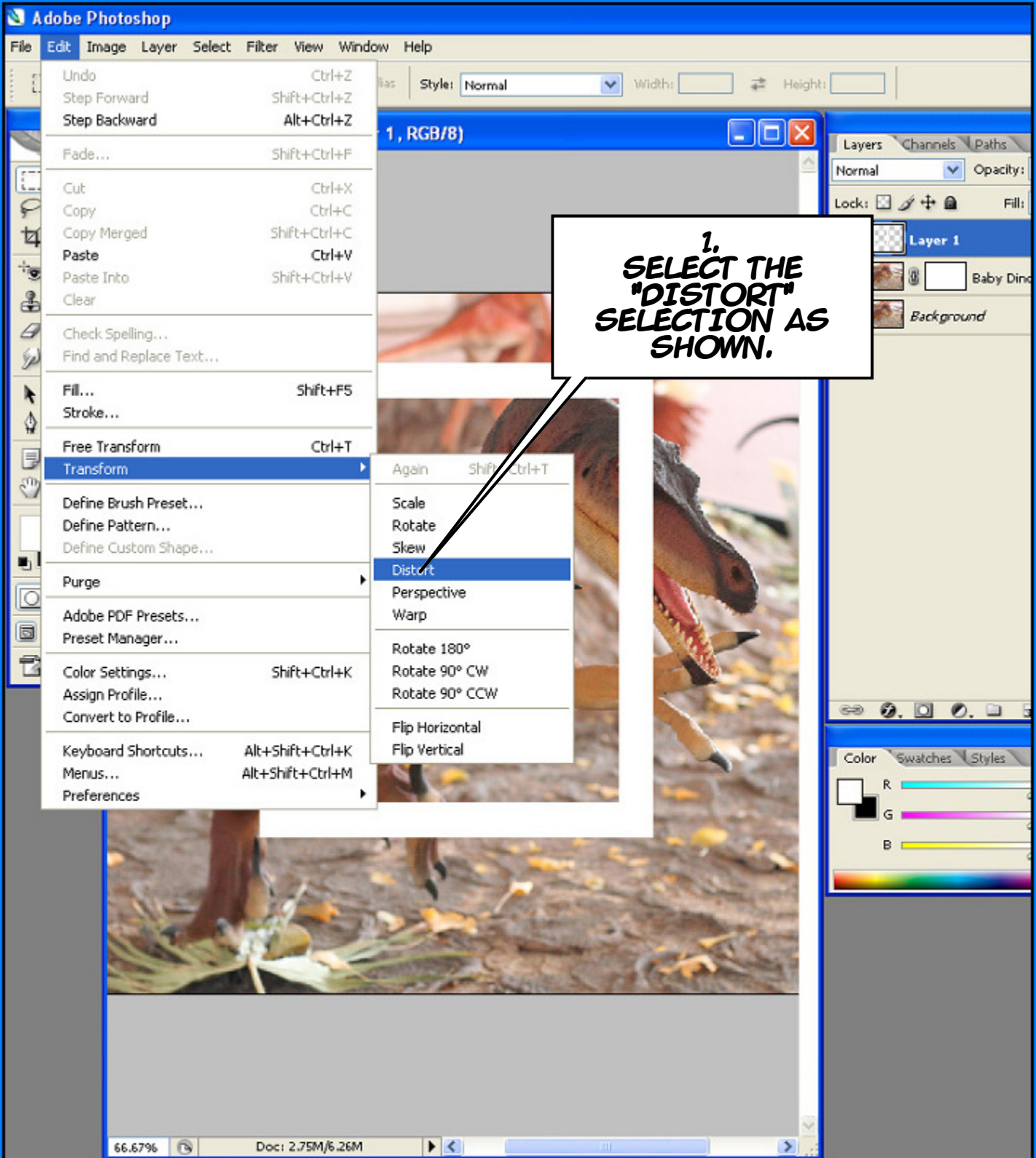
3.
MOVE YOUR
PAINT BUCKET
TOOL INTO THE
BOX AREA AND
CLICK HERE. THE
BOXED AREA
SHOULD FILL
WITH WHITE.



1.
ON YOUR
KEYBOARD
HIT THE
"DELETE KEY".

2.
NOW YOU SHOULD SEE
A WHITE FRAME AS
SHOWN. GO TO THE
"SELECT" PULL-DOWN
MENU AND SELECT
"DESELECT". THIS
SHOULD REMOVE THE
MARCHING ANTS
AROUND THE INSIDE OF
THE FRAME.





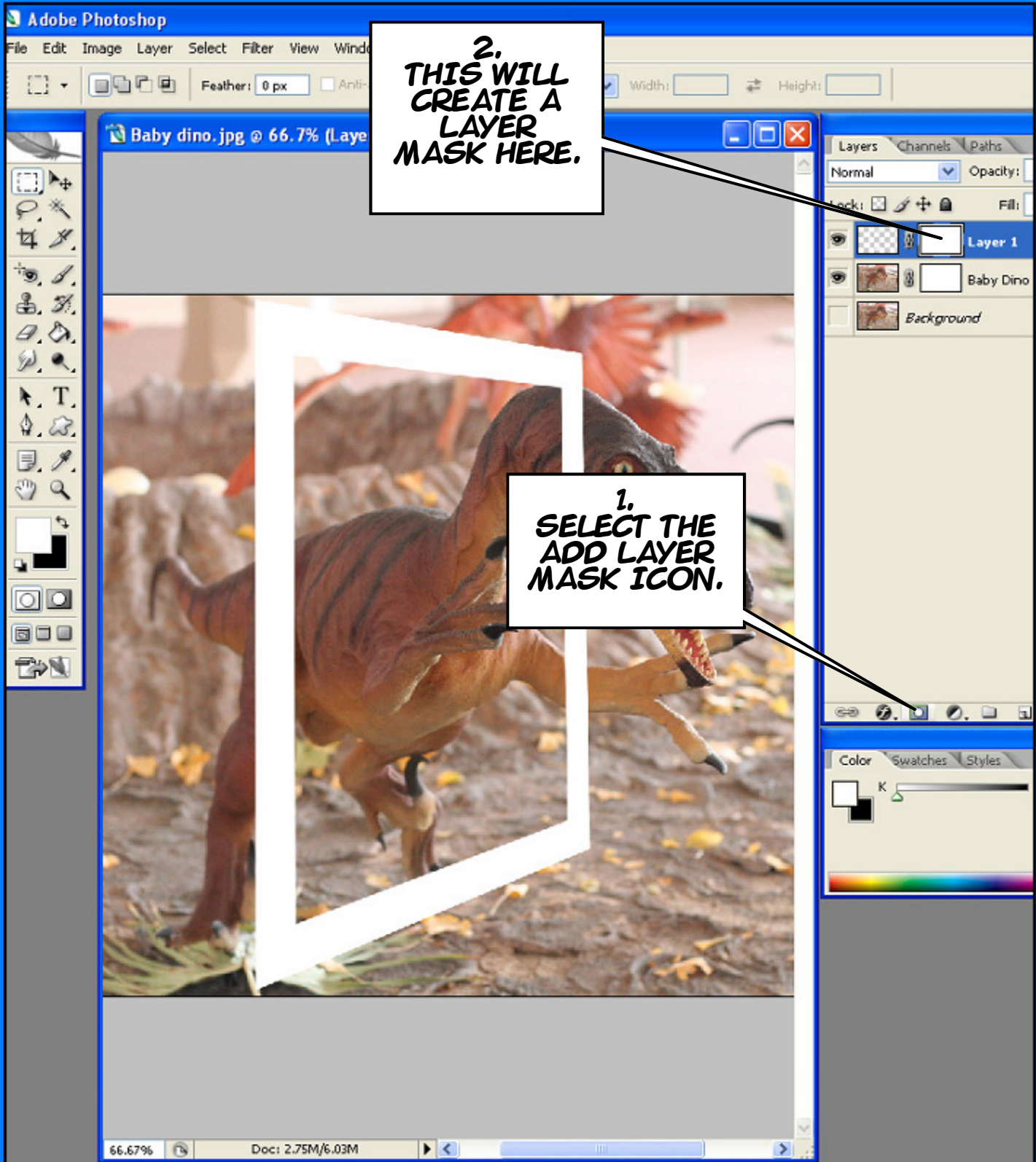
4.
LAST...DRAG
THIS CORNER
AS SHOWN TO
THIS APPROX.
LOCATION.

1.
GRAB THIS CORNER
BY HOLDING DOWN
THE LEFT MOUSE
BUTTON AND
DRAGGING THE
CORNER TO THIS
POINT.

2.
DRAG
THIS
CORNER
TO THIS
LOCATION.

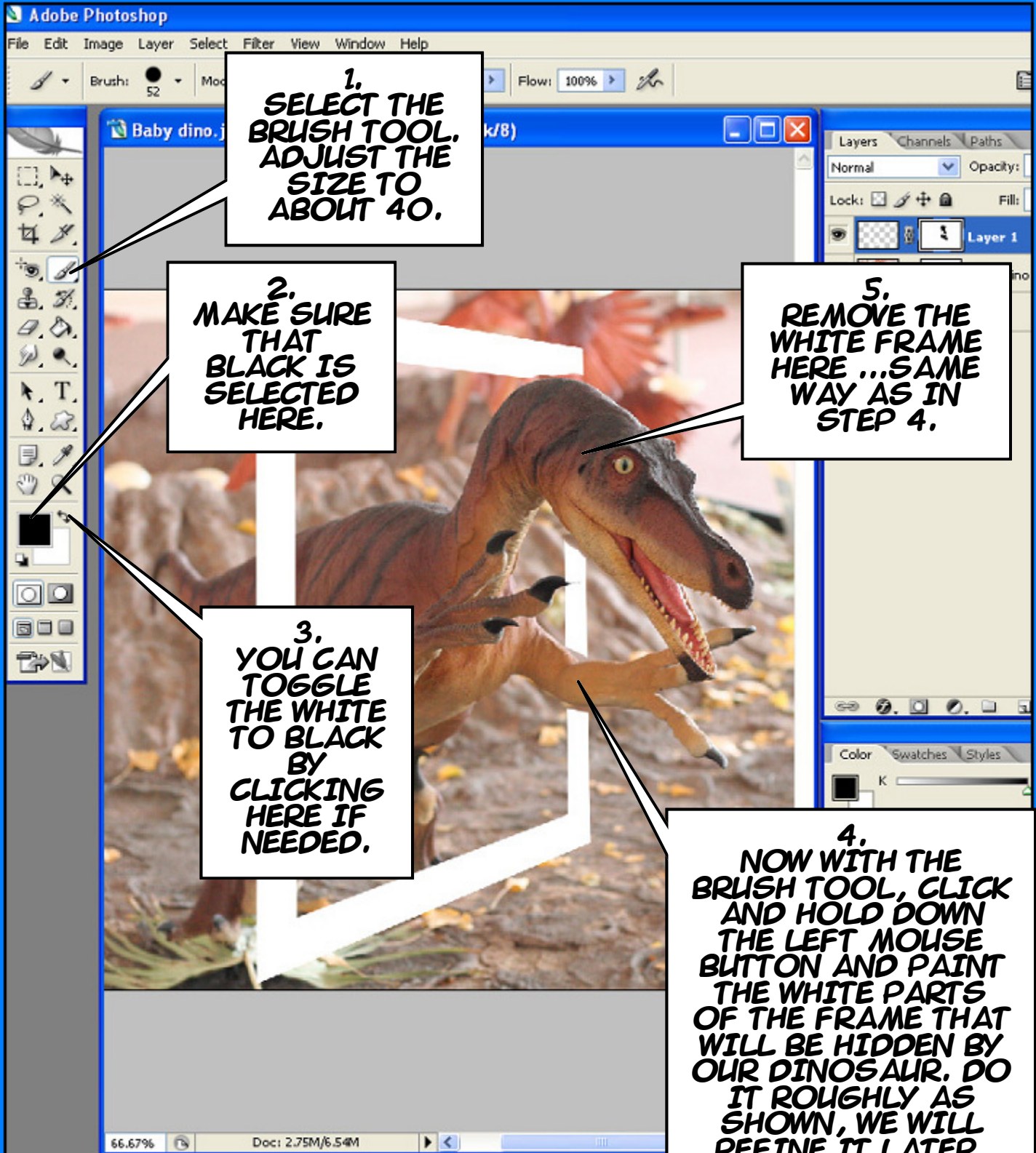
3.
DRAG
THIS
CORNER
TO HERE.

NOTE; DO NOT WORRY TOO MUCH ABOUT
POSITIONING THE FRAME CORNERS
EXACTLY AS SHOWN...BUT GET THEM CLOSE
SO THE FRAME APPEARS AS ABOVE.



2.
THIS WILL
CREATE A
LAYER
MASK HERE.

1.
SELECT THE
ADD LAYER
MASK ICON.



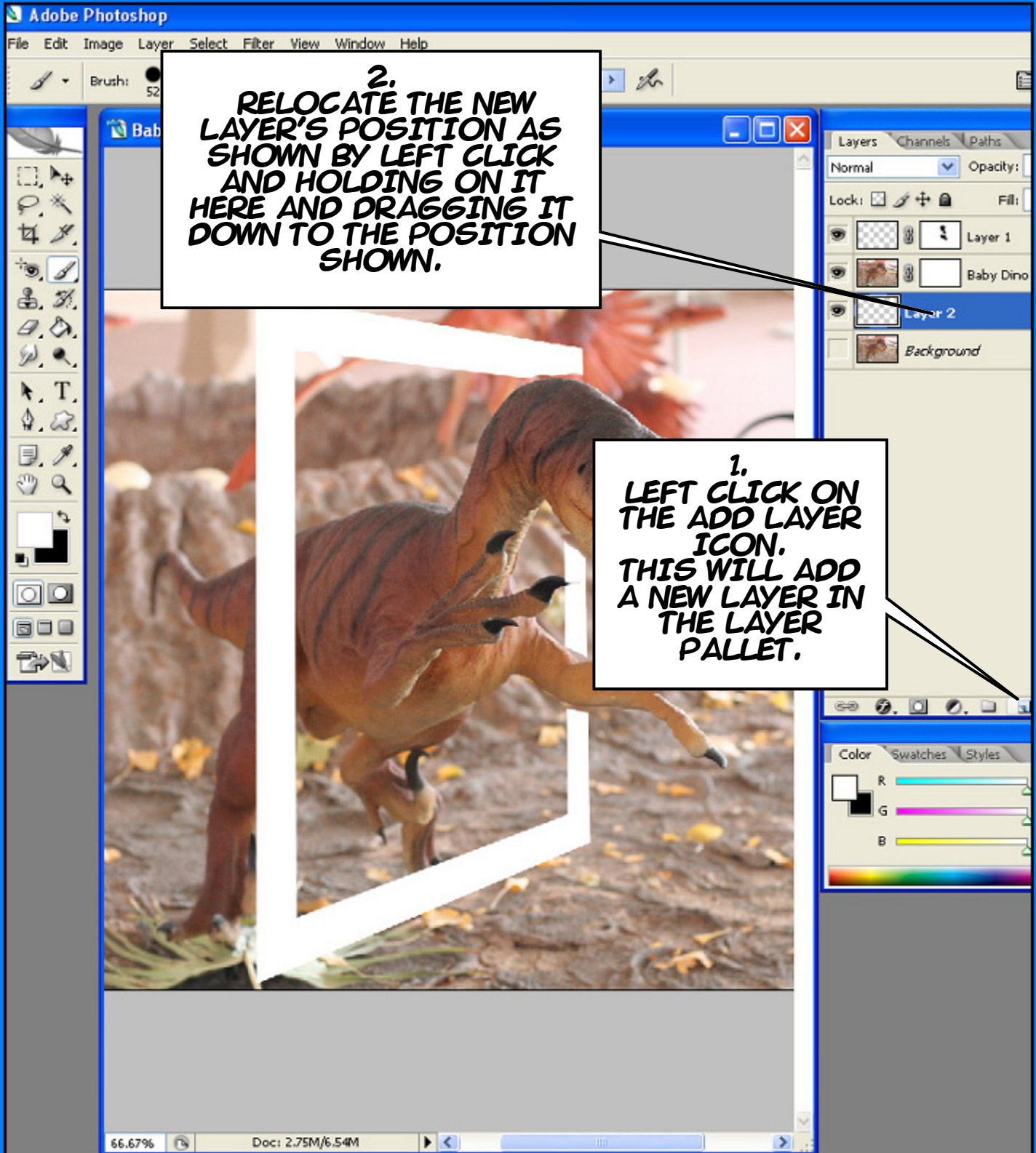
1.
SELECT THE
BRUSH TOOL.
ADJUST THE
SIZE TO
ABOUT 40.

2.
MAKE SURE
THAT
BLACK IS
SELECTED
HERE.

5.
REMOVE THE
WHITE FRAME
HERE ...SAME
WAY AS IN
STEP 4.

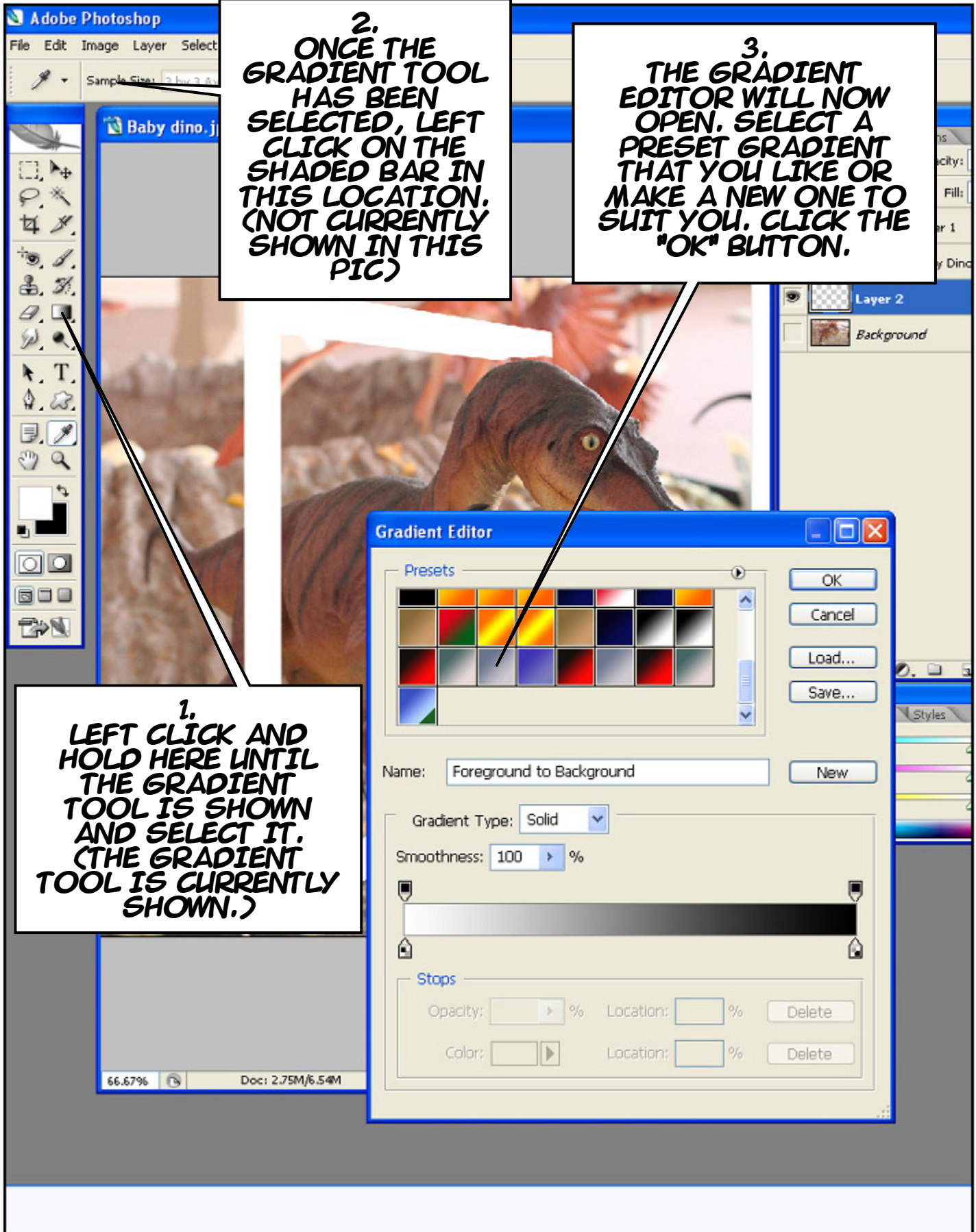
3.
YOU CAN
TOGGLE
THE WHITE
TO BLACK
BY
CLICKING
HERE IF
NEEDED.

4.
NOW WITH THE
BRUSH TOOL, CLICK
AND HOLD DOWN
THE LEFT MOUSE
BUTTON AND PAINT
THE WHITE PARTS
OF THE FRAME THAT
WILL BE HIDDEN BY
OUR DINOSAUR. DO
IT ROUGHLY AS
SHOWN, WE WILL
REFINE IT LATER.



2.
RELOCATE THE NEW LAYER'S POSITION AS SHOWN BY LEFT CLICK AND HOLDING ON IT HERE AND DRAGGING IT DOWN TO THE POSITION SHOWN.

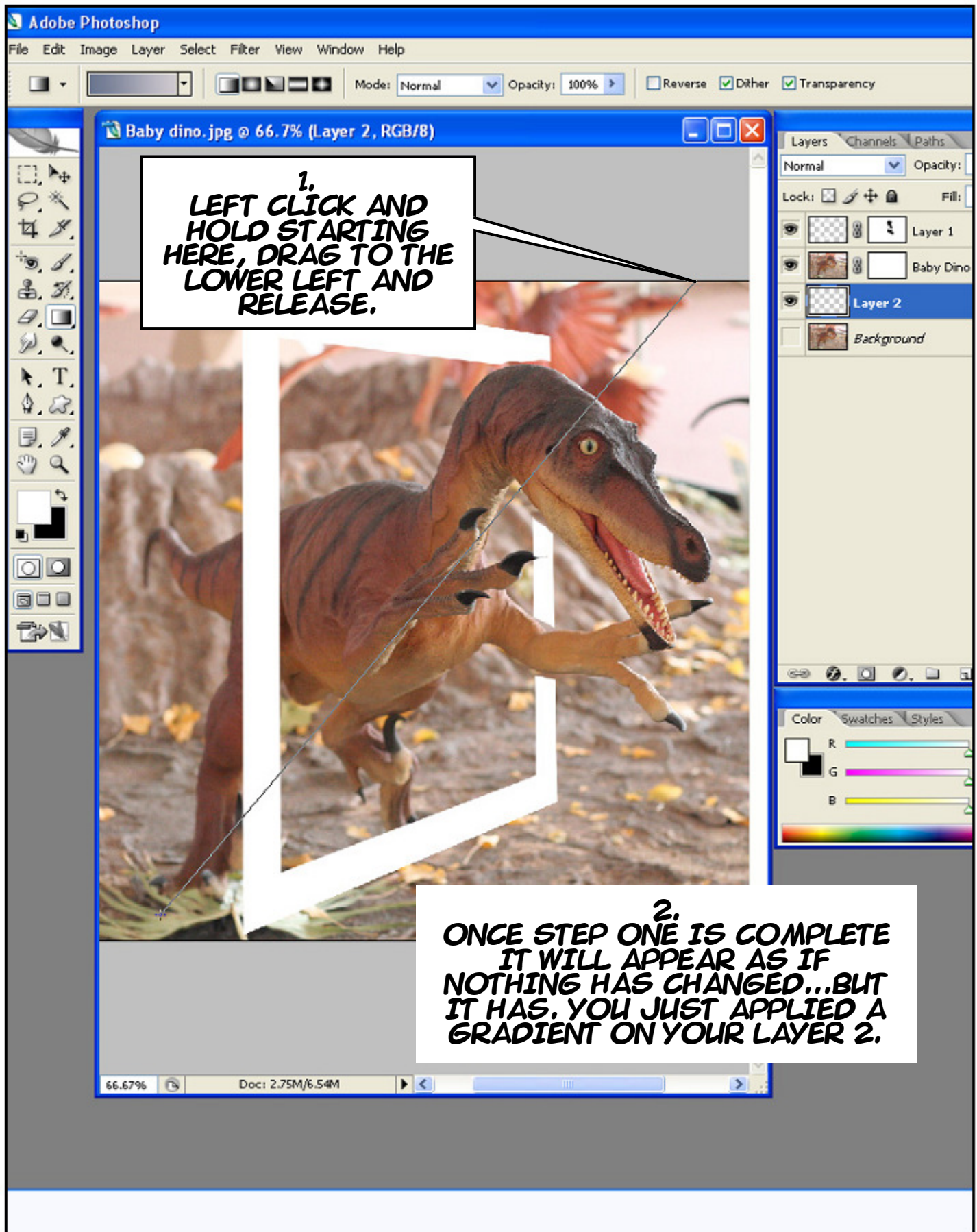
1.
LEFT CLICK ON THE ADD LAYER ICON. THIS WILL ADD A NEW LAYER IN THE LAYER PALLET.

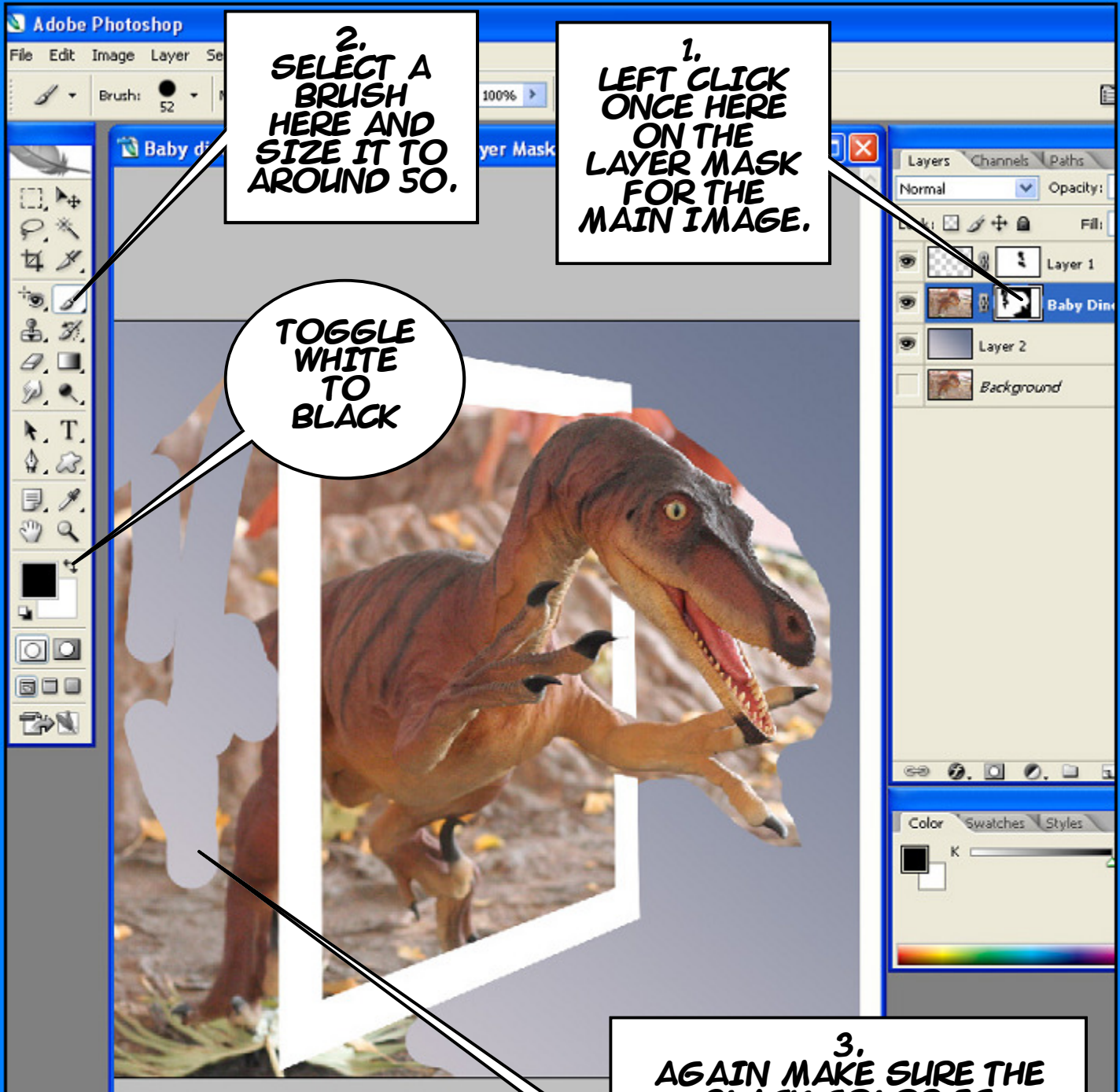


2.
ONCE THE GRADIENT TOOL HAS BEEN SELECTED, LEFT CLICK ON THE SHADED BAR IN THIS LOCATION. (NOT CURRENTLY SHOWN IN THIS PIC)

3.
THE GRADIENT EDITOR WILL NOW OPEN. SELECT A PRESET GRADIENT THAT YOU LIKE OR MAKE A NEW ONE TO SUIT YOU. CLICK THE "OK" BUTTON.

1.
LEFT CLICK AND HOLD HERE UNTIL THE GRADIENT TOOL IS SHOWN AND SELECT IT. (THE GRADIENT TOOL IS CURRENTLY SHOWN.)





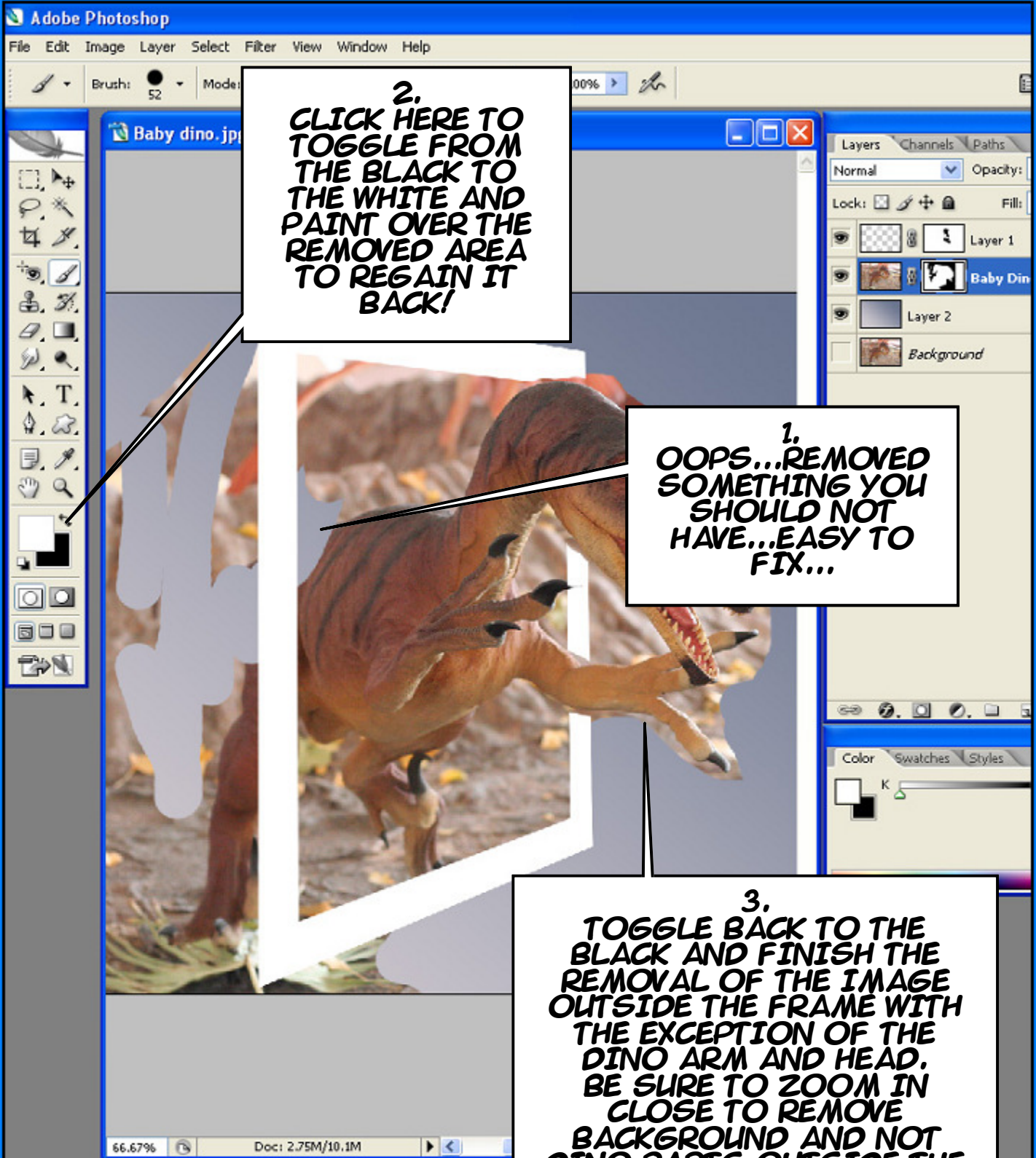
2.
SELECT A BRUSH HERE AND SIZE IT TO AROUND 50.

1.
LEFT CLICK ONCE HERE ON THE LAYER MASK FOR THE MAIN IMAGE.

TOGGLE WHITE TO BLACK

NOTE:
IF YOU PAINT AWAY SOMETHING YOU SHOULD NOT HAVE...NO PROBLEM JUST TOGGLE THE BLACK TO WHITE. WHITE WILL PAINT THE IMAGE BACK. (BLACK = REMOVE AND WHITE = BRING BACK.)

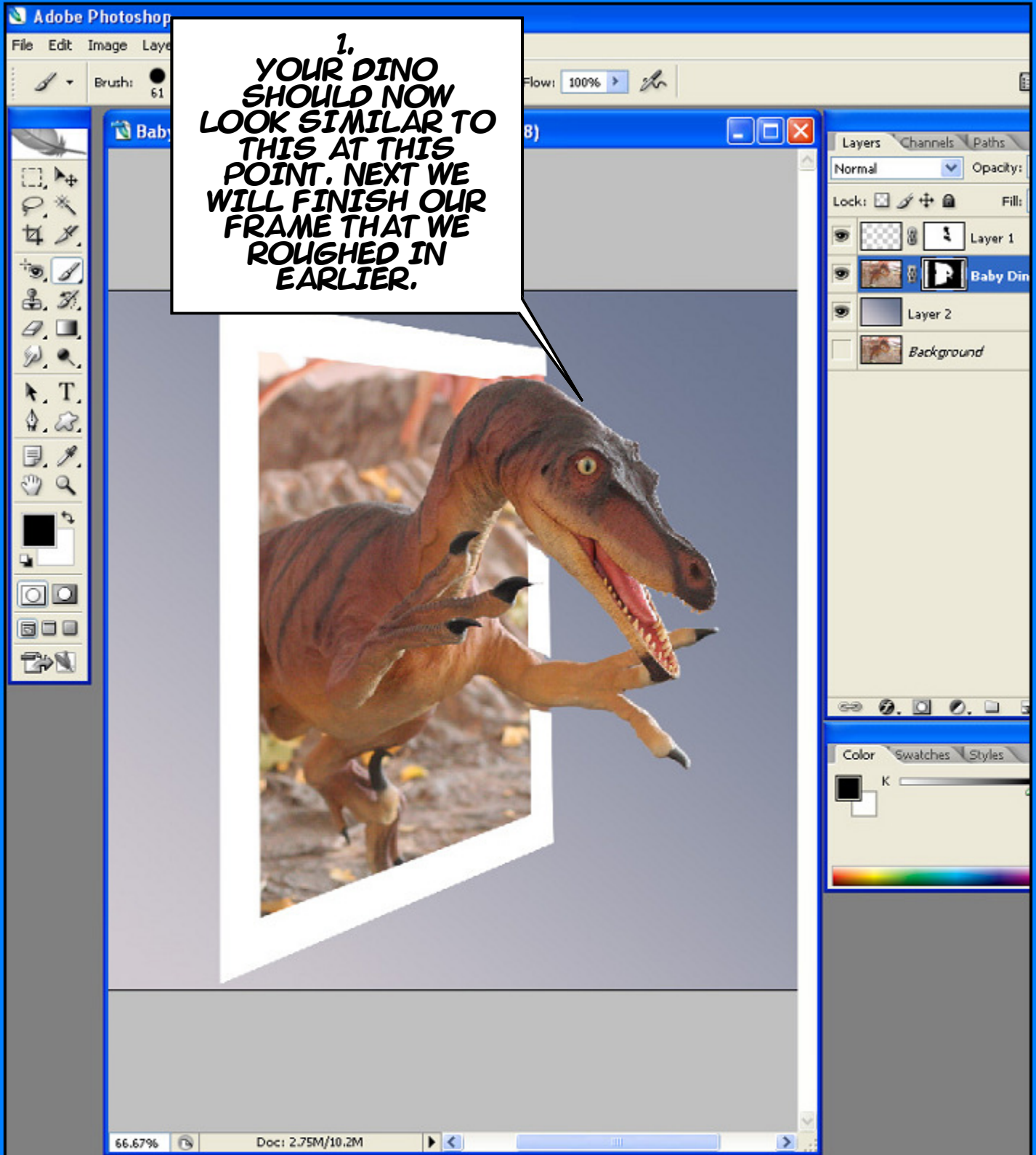
3.
AGAIN MAKE SURE THE BLACK COLOR IS SELECTED AS SHOWN AND BEGIN PAINTING AWAY THE MAIN IMAGE AS SHOWN. PAINT AWAY EVERYTHING OUTSIDE THE WHITE FRAME EXCEPT THE ARM AND HEAD OF OUR DINOSAUR. SEE NOTE.

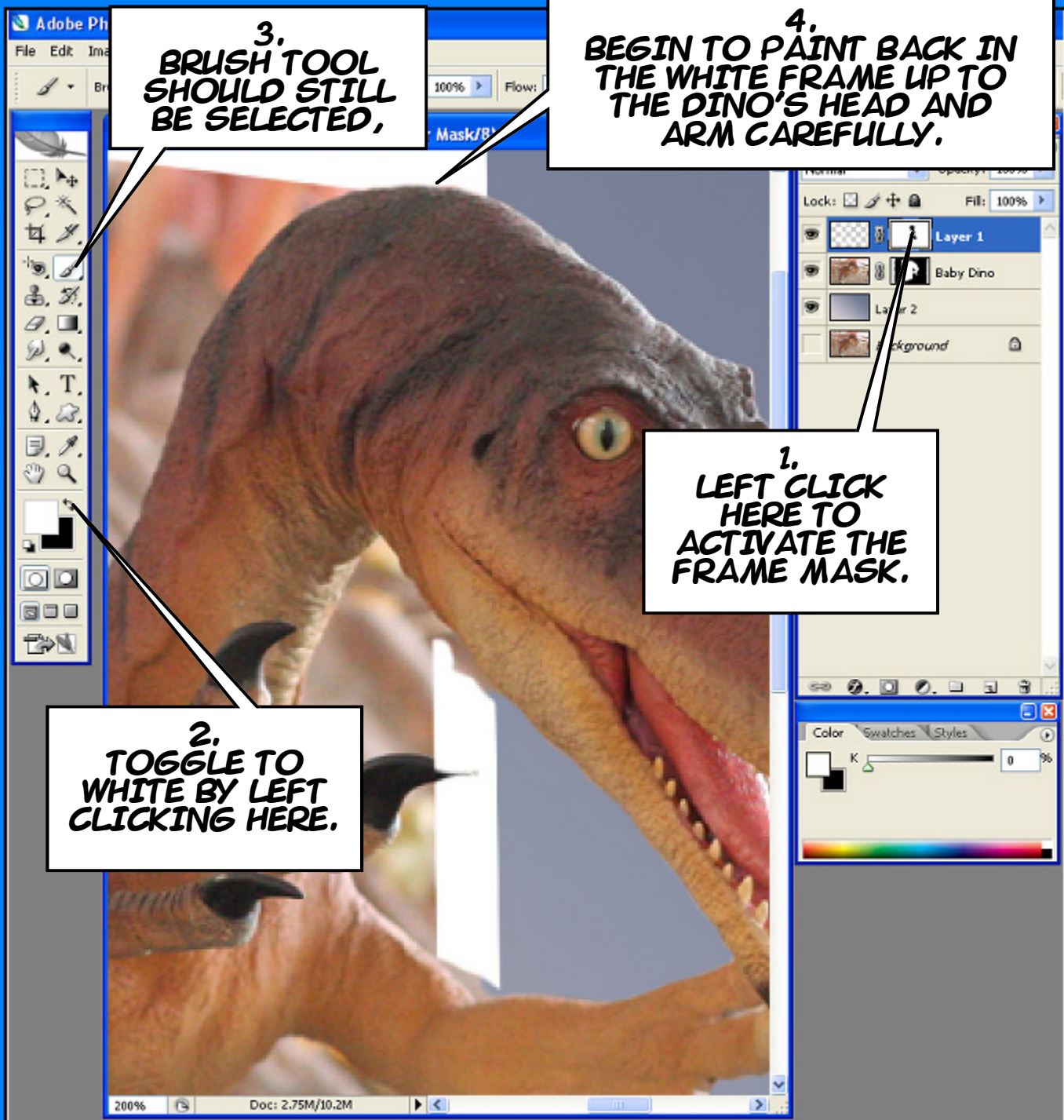


2.
CLICK HERE TO
TOGGLE FROM
THE BLACK TO
THE WHITE AND
PAINT OVER THE
REMOVED AREA
TO REGAIN IT
BACK!

1.
OOPS...REMOVED
SOMETHING YOU
SHOULD NOT
HAVE...EASY TO
FIX...

3.
TOGGLE BACK TO THE
BLACK AND FINISH
THE REMOVAL OF THE
IMAGE OUTSIDE THE
FRAME WITH THE
EXCEPTION OF THE
DINO ARM AND HEAD.
BE SURE TO ZOOM IN
CLOSE TO REMOVE
BACKGROUND AND NOT
DINO PARTS OUTSIDE
THE FRAME. USE
SMALLER BRUSH
SIZE AS WELL FOR
TIGHT AREA'S.



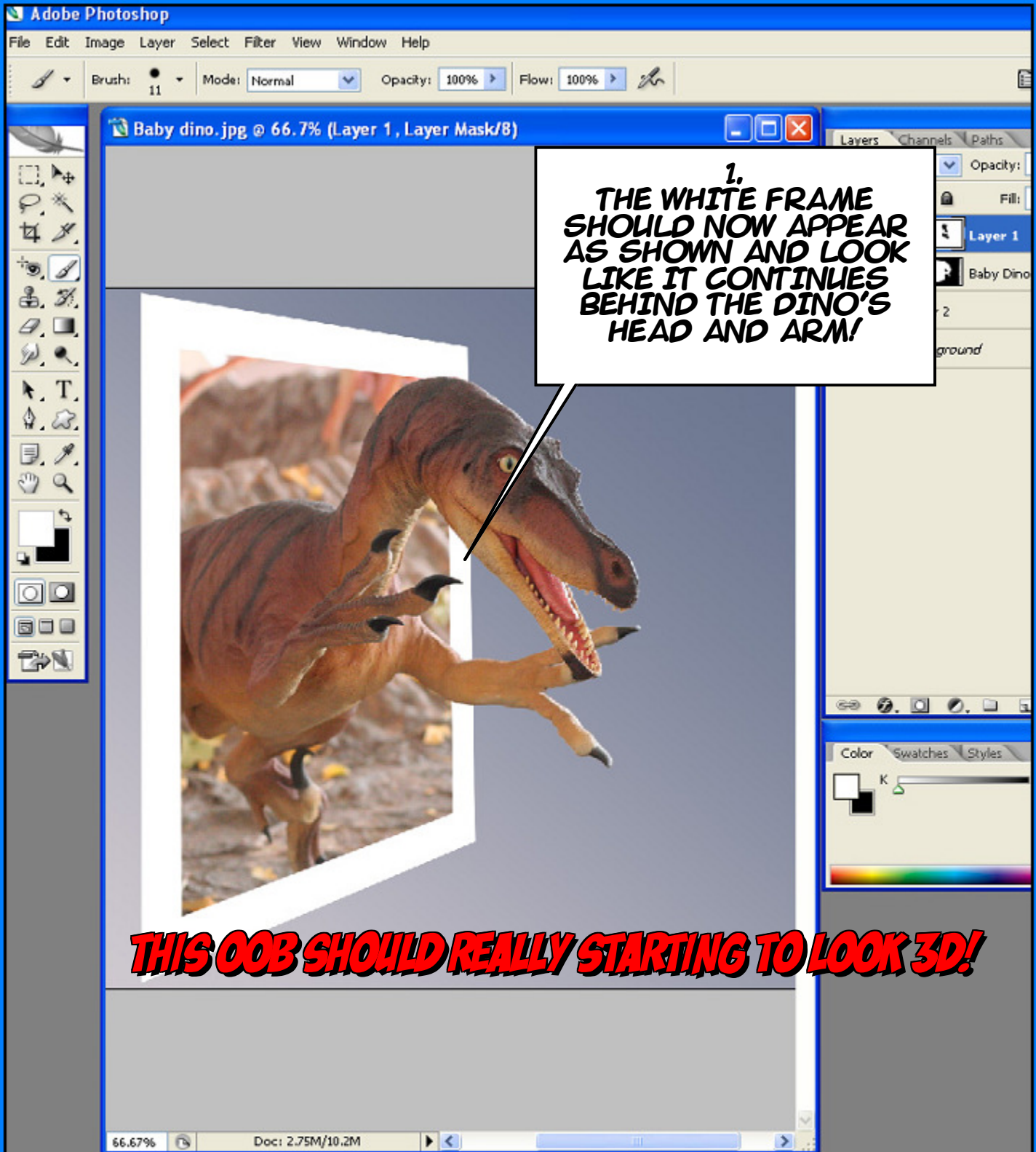


3.
BRUSH TOOL
SHOULD STILL
BE SELECTED,

4.
BEGIN TO PAINT BACK IN
THE WHITE FRAME UP TO
THE DINO'S HEAD AND
ARM CAREFULLY.

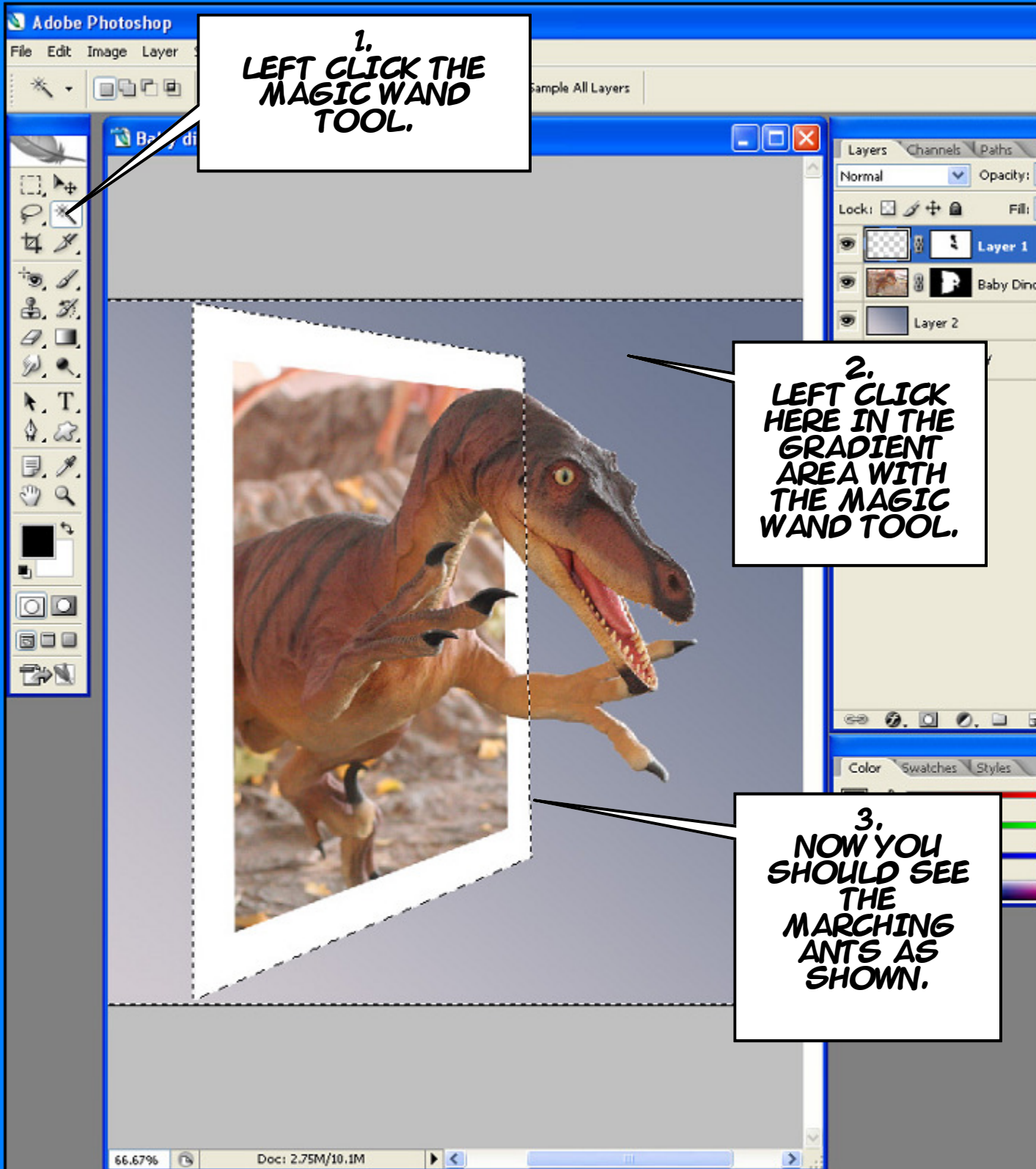
1.
LEFT CLICK
HERE TO
ACTIVATE THE
FRAME MASK.

2.
TOGGLE TO
WHITE BY LEFT
CLICKING HERE.



1.
**THE WHITE FRAME
SHOULD NOW APPEAR
AS SHOWN AND LOOK
LIKE IT CONTINUES
BEHIND THE DINO'S
HEAD AND ARM!**

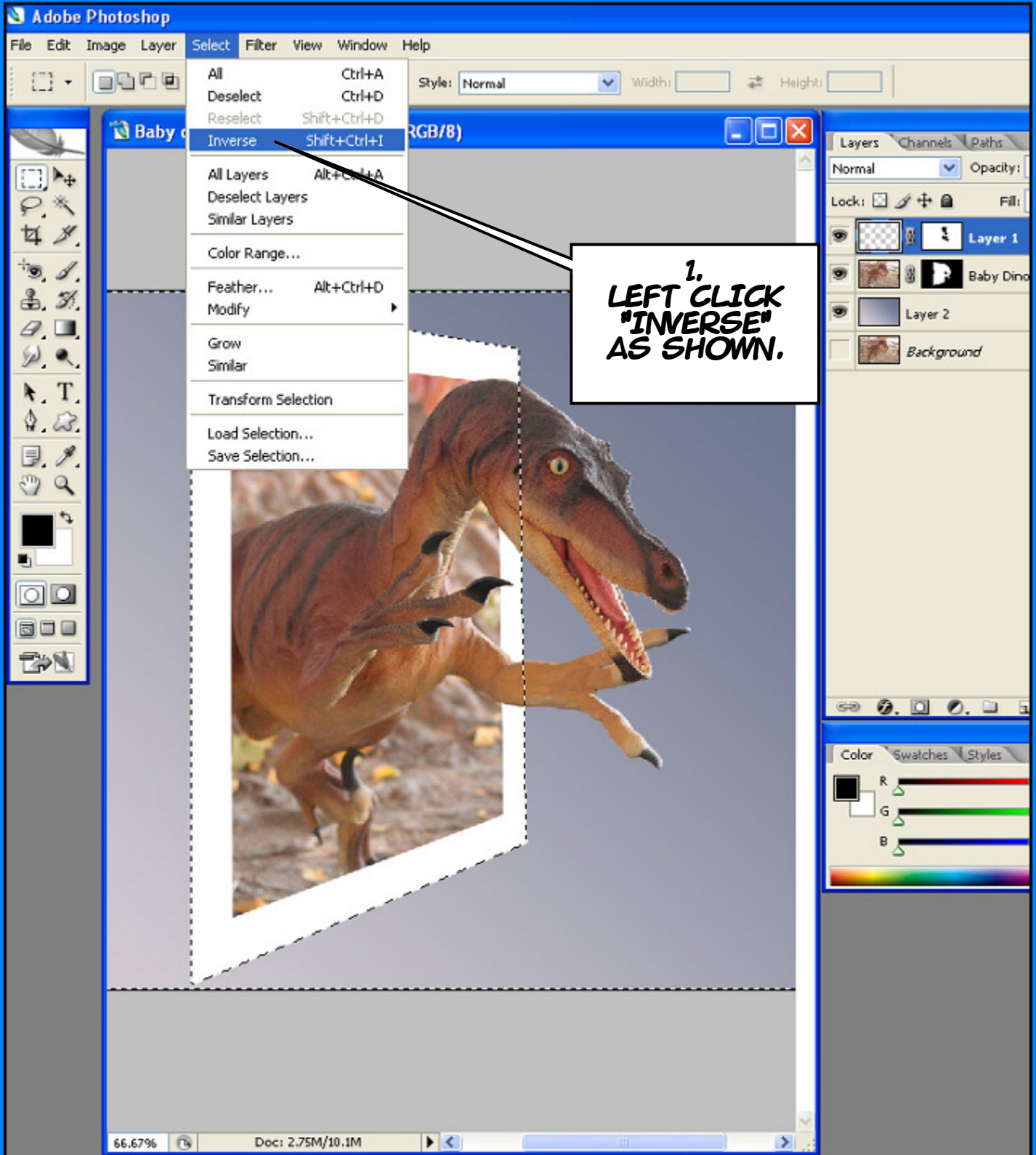
THIS OOB SHOULD REALLY STARTING TO LOOK 3D!



**1.
LEFT CLICK THE
MAGIC WAND
TOOL.**

**2.
LEFT CLICK
HERE IN THE
GRADIENT
AREA WITH
THE MAGIC
WAND TOOL.**

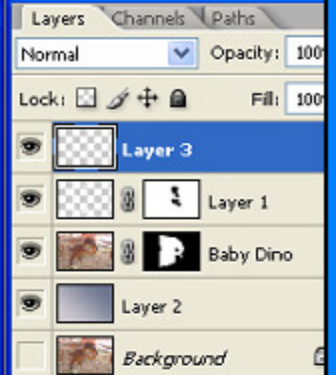
**3.
NOW YOU
SHOULD SEE
THE
MARCHING
ANTS AS
SHOWN.**

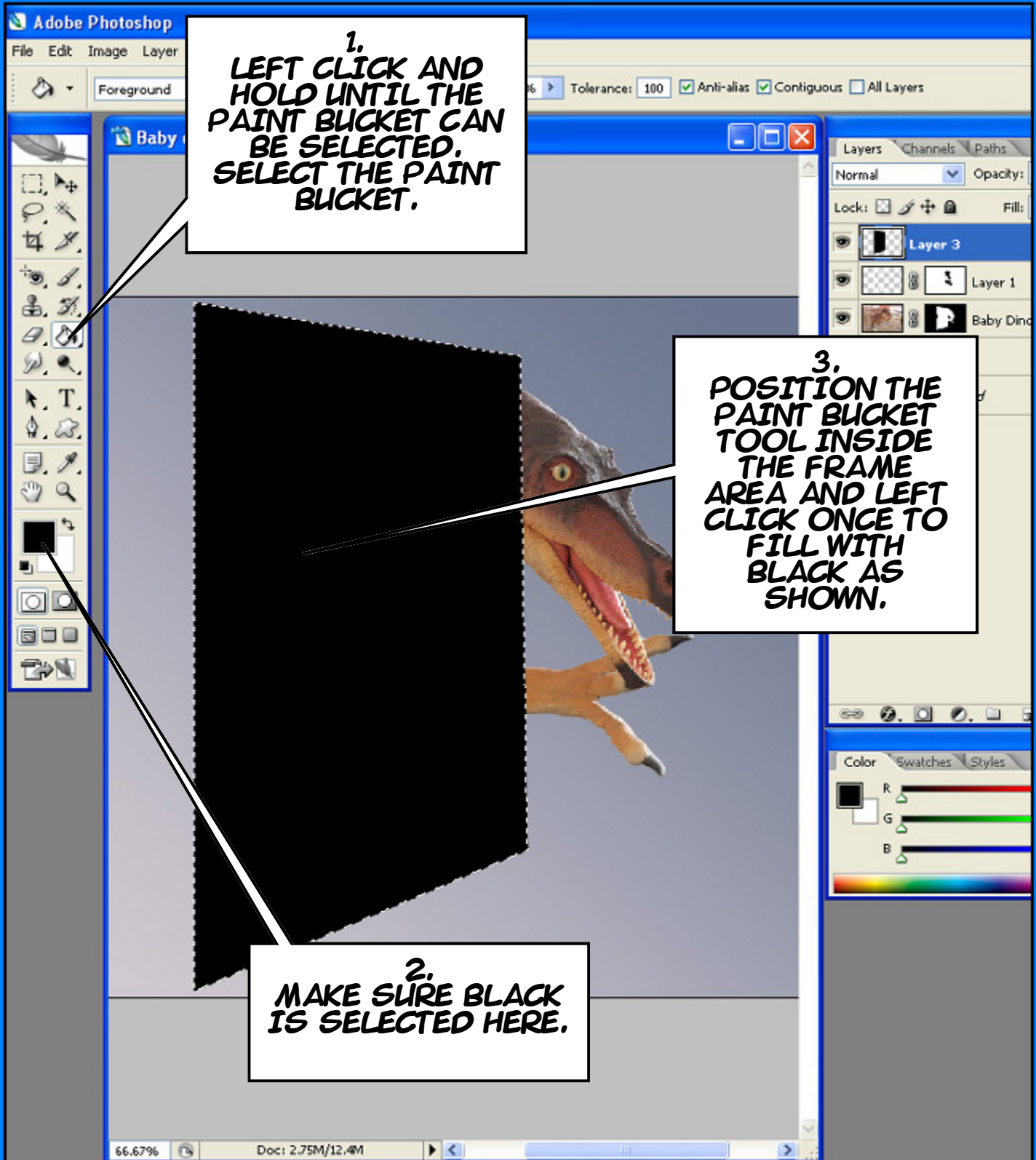


1.
NOW THE
MARCHING
ANTS WILL
HAVE MOVED
TO THE
OUTSIDE OF
THE WHITE
FRAME.



2.
LEFT CLICK ON
THE ADD LAYER
ICON.

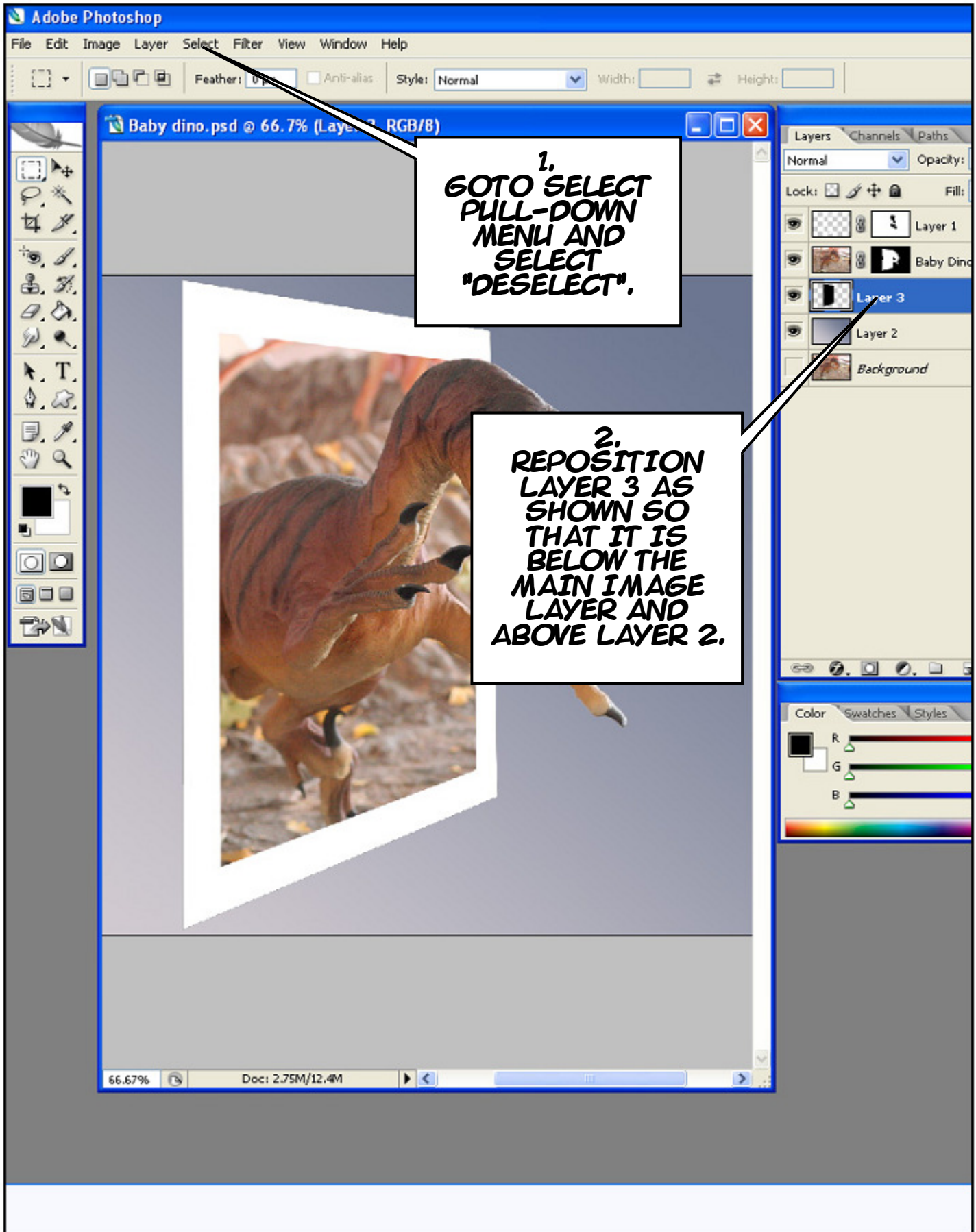




1.
LEFT CLICK AND
HOLD UNTIL THE
PAINT BUCKET CAN
BE SELECTED.
SELECT THE PAINT
BUCKET.

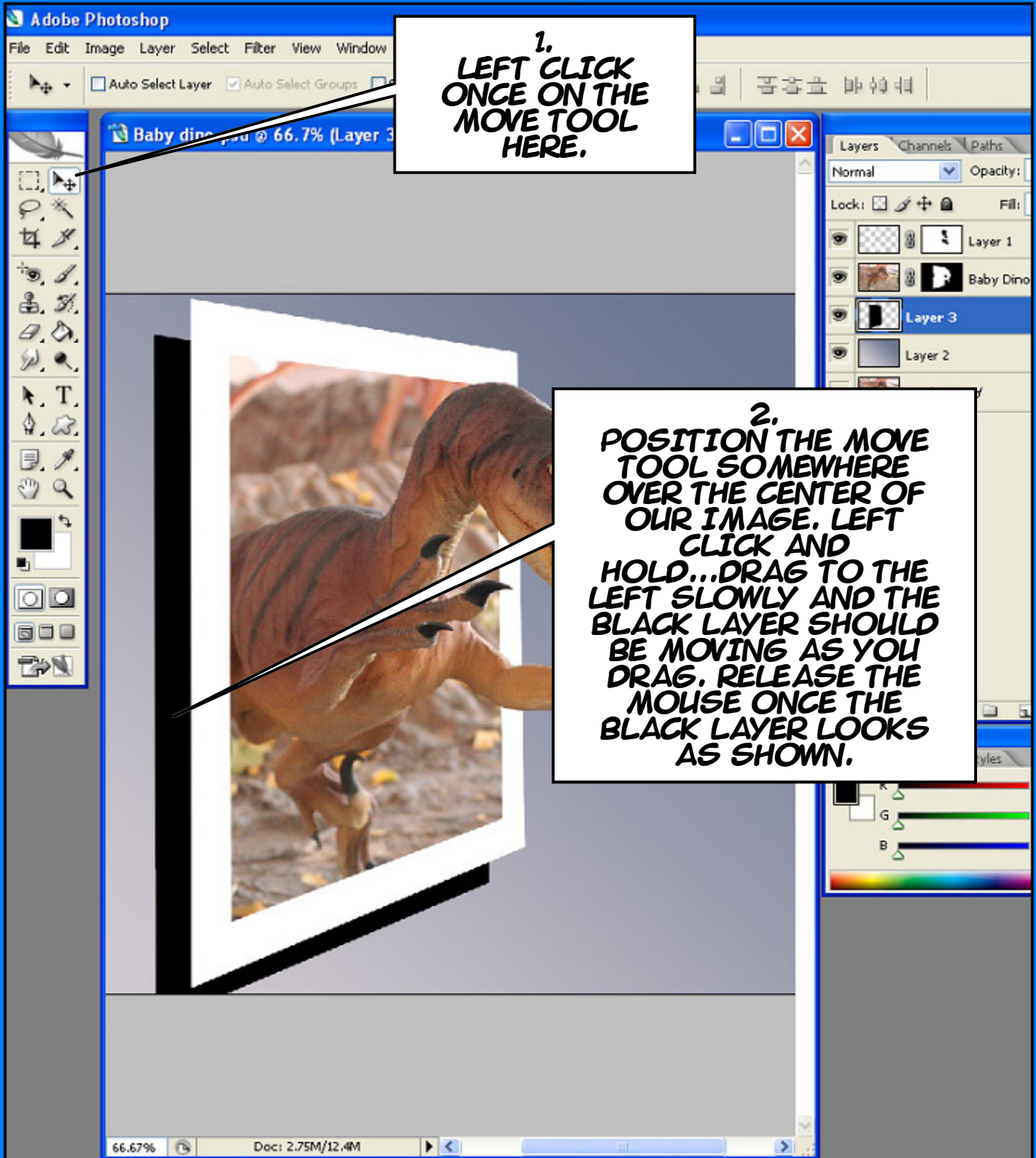
3.
POSITION THE
PAINT BUCKET
TOOL INSIDE
THE FRAME
AREA AND LEFT
CLICK ONCE TO
FILL WITH
BLACK AS
SHOWN.

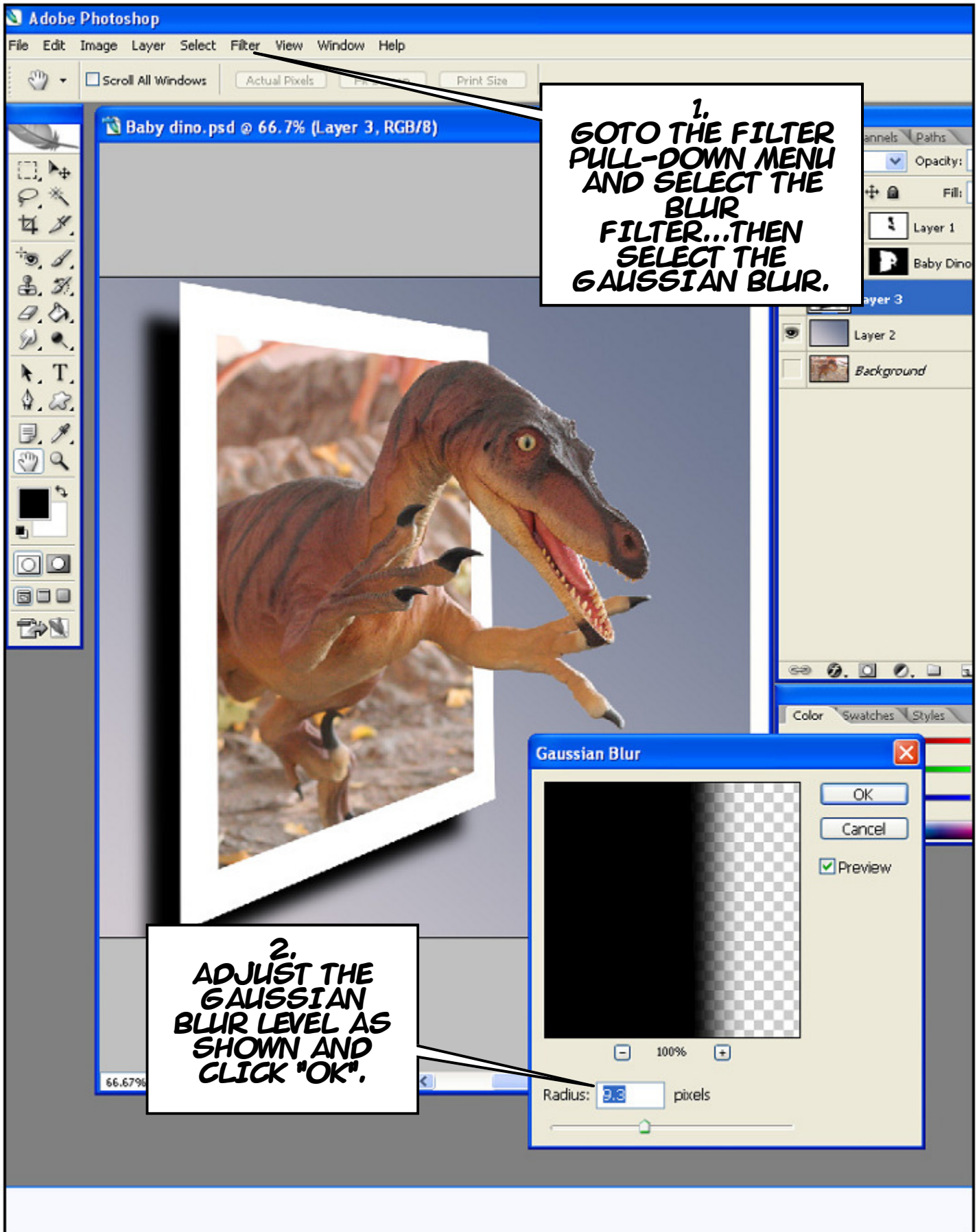
2.
MAKE SURE BLACK
IS SELECTED HERE.



1.
GOTO SELECT
PULL-DOWN
MENU AND
SELECT
"DESELECT".

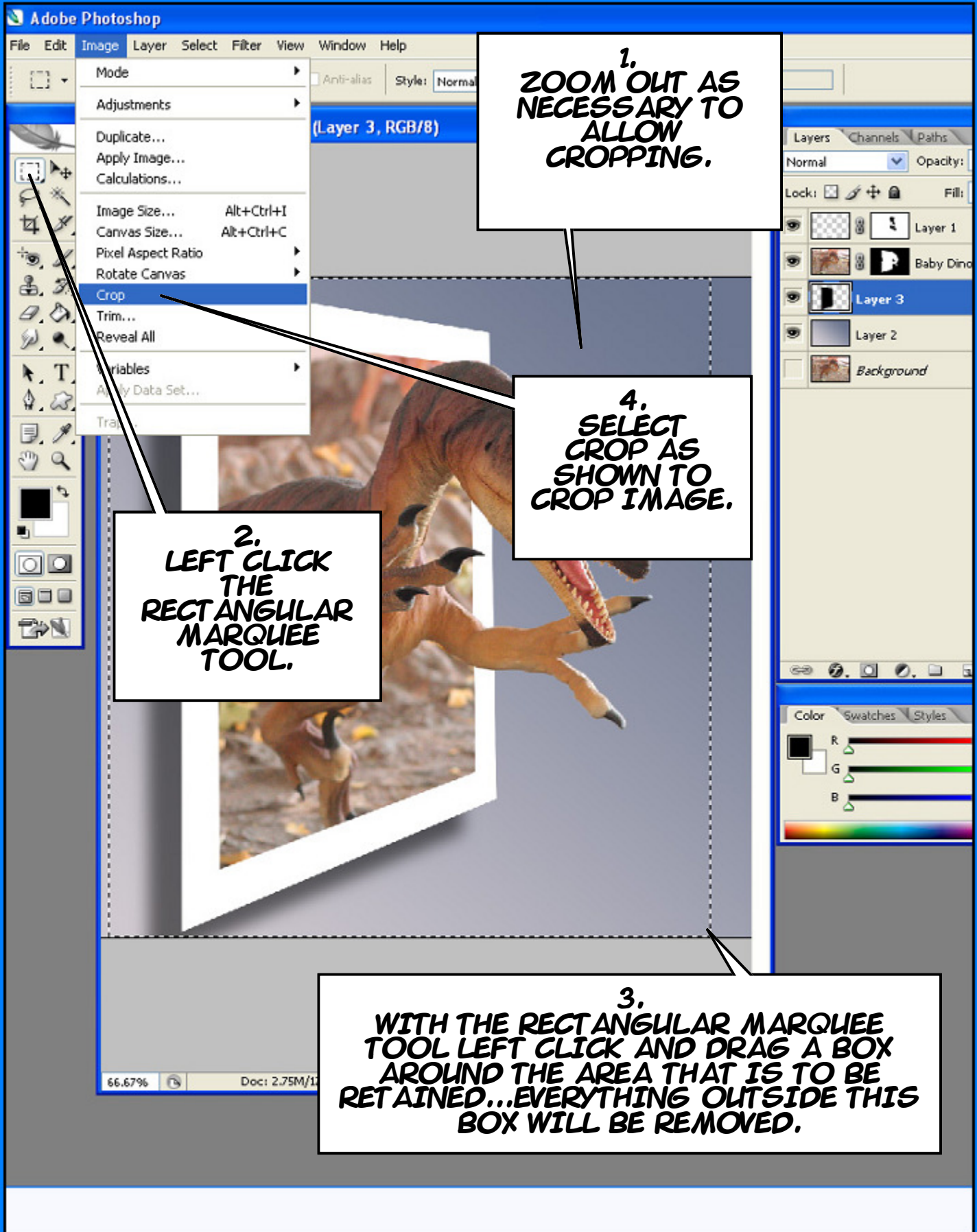
2.
REPOSITION
LAYER 3 AS
SHOWN SO
THAT IT IS
BELOW THE
MAIN IMAGE
LAYER AND
ABOVE LAYER 2.





1.
GOTO THE FILTER
PULL-DOWN MENU
AND SELECT THE
BLUR
FILTER... THEN
SELECT THE
GAUSSIAN BLUR.

2.
ADJUST THE
GAUSSIAN
BLUR LEVEL AS
SHOWN AND
CLICK "OK".

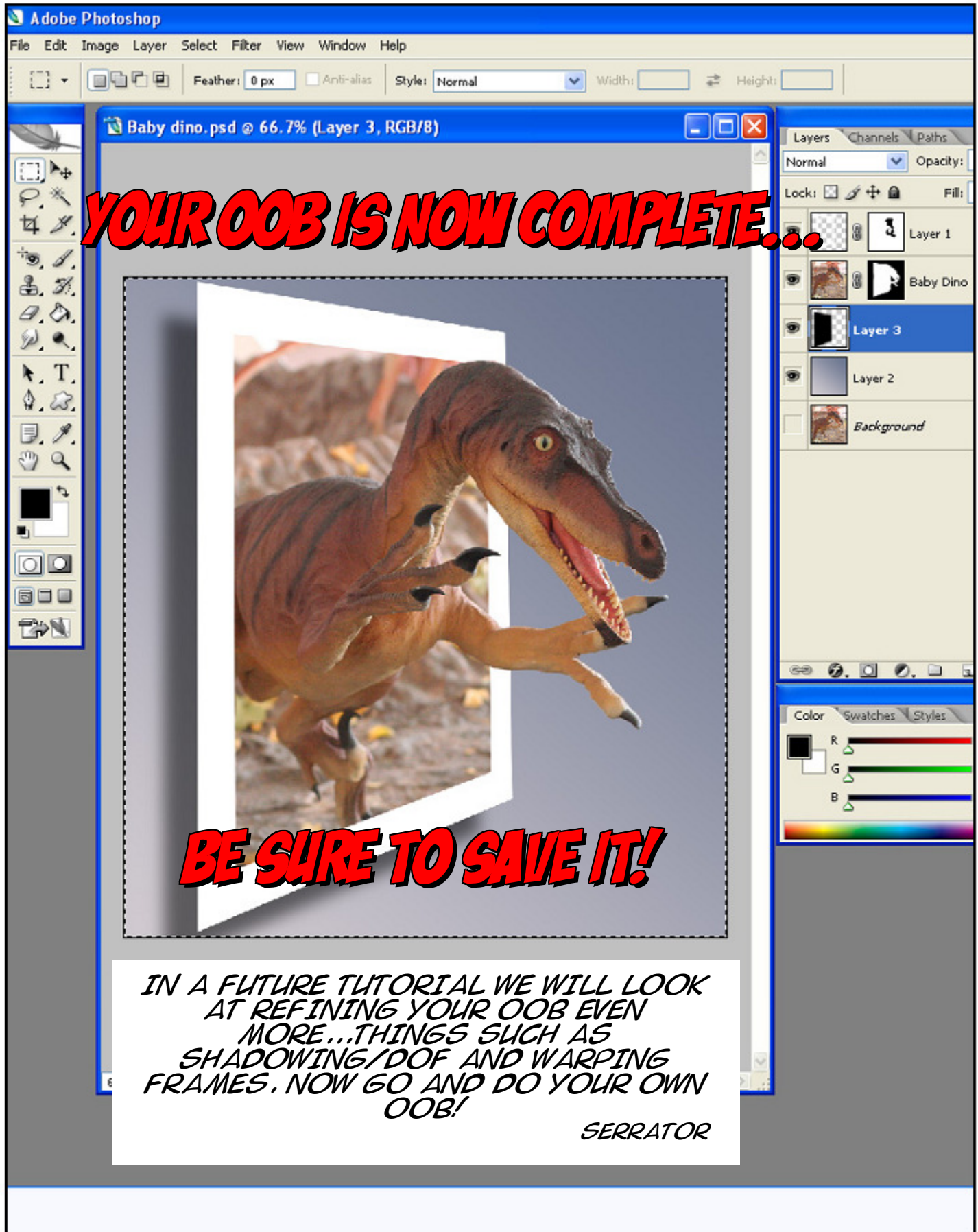


1.
ZOOM OUT AS
NECESSARY TO
ALLOW
CROPPING.

2.
LEFT CLICK
THE
RECTANGULAR
MARQUEE
TOOL.

4.
SELECT
CROP AS
SHOWN TO
CROP IMAGE.

3.
WITH THE RECTANGULAR MARQUEE
TOOL LEFT CLICK AND DRAG A BOX
AROUND THE AREA THAT IS TO BE
RETAINED...EVERYTHING OUTSIDE THIS
BOX WILL BE REMOVED.



YOUR OOB IS NOW COMPLETE...

BE SURE TO SAVE IT!

IN A FUTURE TUTORIAL WE WILL LOOK AT REFINING YOUR OOB EVEN MORE...THINGS SUCH AS SHADOWING/DOF AND WARPING FRAMES. NOW GO AND DO YOUR OWN OOB!

SERRATOR