

DUPLET PRINTS in PHOTOSHOP

Determine the content. Select 2 pictures to print side by side. Consider why these two prints should be combined. How will the viewer compare the content of the two pictures and what new information will be presented that either of the two would not have presented on their own in the first place?

RESOLVE PICTURES

Figure out the resolution and space you are working with. Two vertical pictures of 4 x 5.33" can be printed side by side nicely on an 8.5 x 11" or 9 x 12" sheet.

hold _____ option key and click on **FILE SIZE** box in bottom of picture window
resolution and size of width and height are shown in pixels and inches

convert _____ camera resolution to print resolution, if not already done

change _____ image size resolution **IMAGE> IMAGE SIZE**

uncheck _____ **RESAMPLE** box

convert _____ from 72 to 240 or 300 depending on pixel count of picture
for 1280 x 960 picture use 240 ppi for a 4 x 5.33" print
for 1600 x 120 picture use 300 ppi for a 4 x 5.33" print

ADD BORDERS

Figure out how many pixels will render a 1 point border and expand the canvas size by this amount, with the background color set to the desired color.

calculate _____ border width in pixels 1 point = 1/72"
at 240 ppi 1 point = 3.33 pixels ($240/72 = 3.33$)
at 300 ppi 1 point = 3.33 pixels ($300/72 = 4.16$)

set _____ background color to **black**

set _____ colors to default black over white **D**

exchange _____ foreground and background colors **X**

increase _____ canvas size **IMAGE> CANVAS SIZE**

add _____ 3 or 4 pixels to the perimeter of the picture

increase _____ canvas size by 6 or 8 pixels in **WIDTH** and **HEIGHT** boxes

click on _____ the center square to center the picture in the enlarged canvas

click _____ [OK] to execute

save _____ the new versions of these pictures **FILE> SAVE AS...**

use _____ new names to differentiate from the raw camera files

use _____ the jpeg maximum or tiff format

EXPAND the CANVAS

Select one of the pictures as the left hand image and expand the canvas to accommodate the other picture on its right, and include space in between the frames.

determine _____ the amount of space to be in between the pictures
at 240 ppi 60 pixels = 1/4"
at 300 ppi 75 pixels = 1/4"

select _____ the left hand picture

set _____ the background color to white

set _____ colors to default black over **white** **D**

exchange _____ foreground and background colors **X**

expand _____ the canvas size **IMAGE> CANVAS SIZE**

enter _____ the new width into the width box
at 240 ppi the picture width = 1992 pixels ($966 + 60 + 966$)
at 300 ppi the picture width = 2011 pixels ($968 + 75 + 968$)

click on _____ the left hand center square to keep the picture on the left

DUPLET PRINTS in QUARK XPRESS

Everything in Quark XPress lives in either a text box or a picture box. The placement of the picture boxes must be figured out in advance so the locations of the margin guides can be entered when creating the new document. Figure out the organization of the you will be working with. If printing two vertical pictures of 4 x 5.33" side by side on an 8.5 x 11" or 9 x 12" sheet, calculate the sizes of the margins and space between the pictures.

RESOLVE PICTURES

Find the resolution of the pictures you are working with. Resolve them to printing size and resolution in PhotoShop before they are imported into Quark Xpress.

<u>copy</u>	both picture files into the same folder on a Zip disk
	see «save the files» on the next page for details
<u>open</u>	both pictures in PhotoShop
<u>hold</u>	option key and click on FILE SIZE box in bottom of picture window
	resolution and size of width and height are shown in pixels and inches
<u>convert</u>	camera resolution to print resolution, if not already done
<u>change</u>	image size resolution IMAGE> IMAGE SIZE
<u>uncheck</u>	RESAMPLE box
<u>convert</u>	from 72 to 240 or 300 depending on pixel count of picture
	for 1280 x 960 picture use 240 ppi for a 4 x 5.33" print
	for 1600 x 120 picture use 300 ppi for a 4 x 5.33" print

ORGANIZE the PAGE

Draw the sizing and spacing out on paper and calculate the exact placement of the pictures.

<u>subtract</u>	the picture width + in between space from the page width
	$4" + 0.25" + 4" = 8.25"$; $11" - 8.25" = 2.75" / 2" = 1.375"$ on each side
<u>divide</u>	by 2 to find the size of the left and right margin guides
	$2.75" / 2" = 1.375"$ on each side
<u>subtract</u>	the picture height from the page height
	$8.5 - 5.33" = 3.17"$
<u>divide</u>	by 2 to find the size of the top and bottom margin guides
	make sure the bottom is slightly larger than the top
	$3.17" / 2" = 1.5"$ on top and 1.7 on the bottom

CREATE the PAGE

<u>create</u>	new document	[CMD] N
	US letter size 11" X 8.5"	horizontal (landscape) orientation
<u>set</u>	margin guides	
	1.375" on each side, 1.5" on top, and 1.7 on the bottom	
<u>turn</u>	automatic text box off	
<u>leave</u>	the columns set to 1	
<u>click</u>	[ok] to create the page	
<u>pull</u>	2 guides from the left side ruler into the middle of the page	
	place them at 1/8" of either side of the middle of the page	
	one will be at 5 3/8" the other at 5 5/8"	

DUPLET PRINTS in QUARK XPRESS, cont'd₂

PLACE the PICTURES

Create the two picture boxes and import the pictures.

create _____ 2 picture boxes
select _____ the PICTURE BOX tool in the toolbox
drag _____ the box until it snaps to the guides
drag _____ any handle (sides or corner) to reposition
click _____ in one picture box to make it active
get _____ a picture FILE> GET PICTURE [CMD] E
if the pictures are not correctly resolved this step will be necessary to fit them
fit _____ picture with [CMD] [OPT] [SHFT] F
the picture that are being imported should be 4 x 5.33" at 240 or 300 ppi
if they are not, you should go back to the original picture files and resolve
them correctly
repeat _____ for the other picture box

CREATE BORDERS

The border can be set to sit inside or outside the picture box in preferences...

edit _____ preferences EDIT> PREFERENCES> DOCUMENT [CMD] Y
set _____ framing: outside from pull down menu under GENERAL tab
select _____ each picture box
create _____ a border ITEM> FRAME [CMD] B
set _____ width to 1 point
leave _____ style set to solid line, etc.
leave _____ color set to black

SAVE the FILES

The Quark file does not contain the actual picture files. It only keeps a pointer to the real files, and creates low resolution versions for screen display. This makes working on big picture files much faster. The Quark file and all picture files have to be in the same folder on the same disk. If files are created on one disk and then copied to another, the names of the pictures files will change, and Quark may not be able to find or print them.

save _____ the Quark file into the same folder as the picture files
this should be on a Zip disk that can be carried to the print server computer
add _____ an extension .qrk to the end of the file name

FINDING DISCONNECTED FILES

If you did not follow the directions above and you have a version of the Quark file that senses that picture files are missing, here is how to redefine the file locations so that Quark can print properly. (If you just say okay, Quark will attempt to print the file anyway using the low resolution screen versions. The results will be of extremely poor quality).

open _____ the moved Quark file
a dialog box will open saying "pictures are missing or have been modified"
click on _____ [LIST PICTURES]
use _____ the navigation tools to locate the missing files
if they are not on the same disk, find them and copy them into the same
folder as the Quark file
2xclick _____ on each file name as needed
if several missing files are found in the same folder, Quark will find them all