Silicon Valley is an almost three

trillion dollar neighborhood

thanks to companies like Apple Google

and Tesla but it wasn't always this way

in the late 1800s san francisco's port

helps make it a hub of the early

Telegraph and radio industries in 1909

San Jose became the home of one of the

country's first radio stations in 1933

the Navy purchased Moffett Field to dock

and maintain the USS Makin this made

Moffett Field a major hub for the early

days of the aerospace industry many

scientists and researchers all found

work in the area in 1939 the Ames

Research Center was founded in the area

and it became home to the world's

largest wind tunnel in 1949 also in 1939

William Hewlett and David Packard

founded Hewlett Packard in Palo Alto

which originally made oscillators then

during World War two Hewlett Packard

made radar and artillery technology at

this point computers were about the size

of a room in the 1940s William Shockley

Co invented the transistor wall at Bell

Labs the transistor is now known as the

computer processor in 1956 Shockley left

Bell and founded his own company

Shockley semiconductor labs it was the

first company to make transistors on a

silicon and not germanium the company

was founded in Mountain View California

so Shockley could be closer to

Jacque Lee's company employed many

recent graduates from Stanford 1957

Shockley employees grew tired of his

demeanor and left the company

Shockley called this group the

traitorous eight they partnered with

Sherman Fairchild to create Fairchild

Semiconductor in the early 1960s

Fairchild helped make computer

components for the Apollo program later

in the decade

many of the traders eight left Fairchild

including Gordon Moore and Robert notes

who in 1968 founded their own company in

Santa Clara called Intel soon after

other X Fairchild employees and traders

eight members helped found AMD and

venture fund kleiner perkins in 1969 the

Stanford Research Institute became one

of the four nodes of ARPANET a

government research project that would

go on to become the Internet in 1970

Xerox opened up Park lab in Palo Alto

Park invented early computing tech

including Ethernet computing and the

graphical user interface in 1971

journalist Don Hossler titled a

three-part report on the semiconductor

industry Silicon Valley USA the name

stuck in the 1970s companies like Atari

Apple and Oracle were all founded in the

area in the 1980s Silicon Valley became

the widely accepted center of the

computer integer eBay Yahoo PayPal and

Google are just some of the companies

founded in the area in the 1990s with

Facebook Twitter and Tesla joining them

the following decade the growth of the

tech industry in the area continues to

this day