11. What is the greatest product of four adjacent numbers in the same direction (vertical, horizontal, diagonal) in a given 20 x 20 grd? 49 49 99 40 17 .. return the 3/73 55 ... product of 95 23 04 ··· these four some diagonal edge cases B call the square s and line B: s[i]+ s[2·i+1]+5[3·i+2]+5[4·i+3] etc.

n='08 02 22 * \
'49 49 99'
'A9 49 99'\ : : : : . \
'01 70 54'
n = n. split
def se-product (number, width, digits)
substralist = L]
#horizontal
index = 0
while index < n. length - digits
substr_list << n[index. (index + digits-1)]
index += l
end
#vertical
Index = 0
while index & number length- (width * 3)
substalist «(numberlindex),
number [index + width]
number lindex + 2*width]
numberlindex+3*width]]
In dex += 1
end
#UR-Ll diagonal
7 3
.1

index = 0 while index < number. length - (width #3) index += 3 if (index % width), zero? substr-list << [number [index]. number [index + width - 1], number[index + (2*width)-2] number[index + (3*width)-3] index += 1 #UL-LR diagonal index =0 while index < number length- (width +3)-3 index += 3 if ((index +3) % vidth).zero? substr list < [number [index], number[mdex +width +1], number[index + (2 * width)+2], number (m dex + (3 x width)+3]] index +=1 substrist map! do strl # replace each str. map doldigits 1 tsubarray with digits. to-i. reduce (: *) # the product # of the nows. # it contains substr-list, max