

$f(1) = 20$   
 $5 \times f(1) = 20$   
 $4 \times f(3) = 20$   
 $3 \times f(2) = 20$   
 $2 \times f(1) < 20$   
 $1 \times f(0) = 1$

$$\frac{25}{120}$$

② Fibonacci

0 1 2 3 4 5 6 7 8  
0 1 1 2 3 5 8 13 21

2) 710

$f(5)$

$3f(4) + f(3)$

$3 + 2 = 5$

$2f(3) + f(2)$

$2 + 1 = 3$

$f(2) + f(1)$

$1 + 1 = 2$

$f(1) + f(0) = 1$

$f(1) + f(0) = 1 + 0 = 1$

$$f(2) + f(1) = 2$$

$$f(1) + f(0) = 1$$

A collection of handwritten marks and symbols. On the left, there is a large, stylized 'N' with a vertical line through it. To its right is a '2'. Further right are several loops and lines, including a large 'N' with a vertical line through it, and a smaller 'N' with a vertical line through it. There are also some isolated loops and lines scattered around.

A handwritten diagram illustrating the relationship between three functions:  $f(2)$ ,  $g(2)$ , and  $h(2)$ . The functions are arranged in a triangular pattern.  $f(2)$  is at the top left,  $g(2)$  is at the top right, and  $h(2)$  is at the bottom center. Arrows point from  $f(2)$  to  $g(2)$  and from  $g(2)$  to  $h(2)$ . A curved arrow also points from  $f(2)$  to  $h(2)$ . The text  $1 \times 1$  is written to the right of  $h(2)$ .

$f(b)$   
 $f$   
 $f(2) = 1$   
 $= 3$

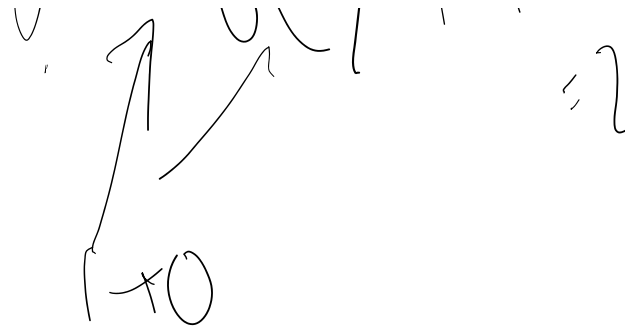
$f(2)$











Print

10

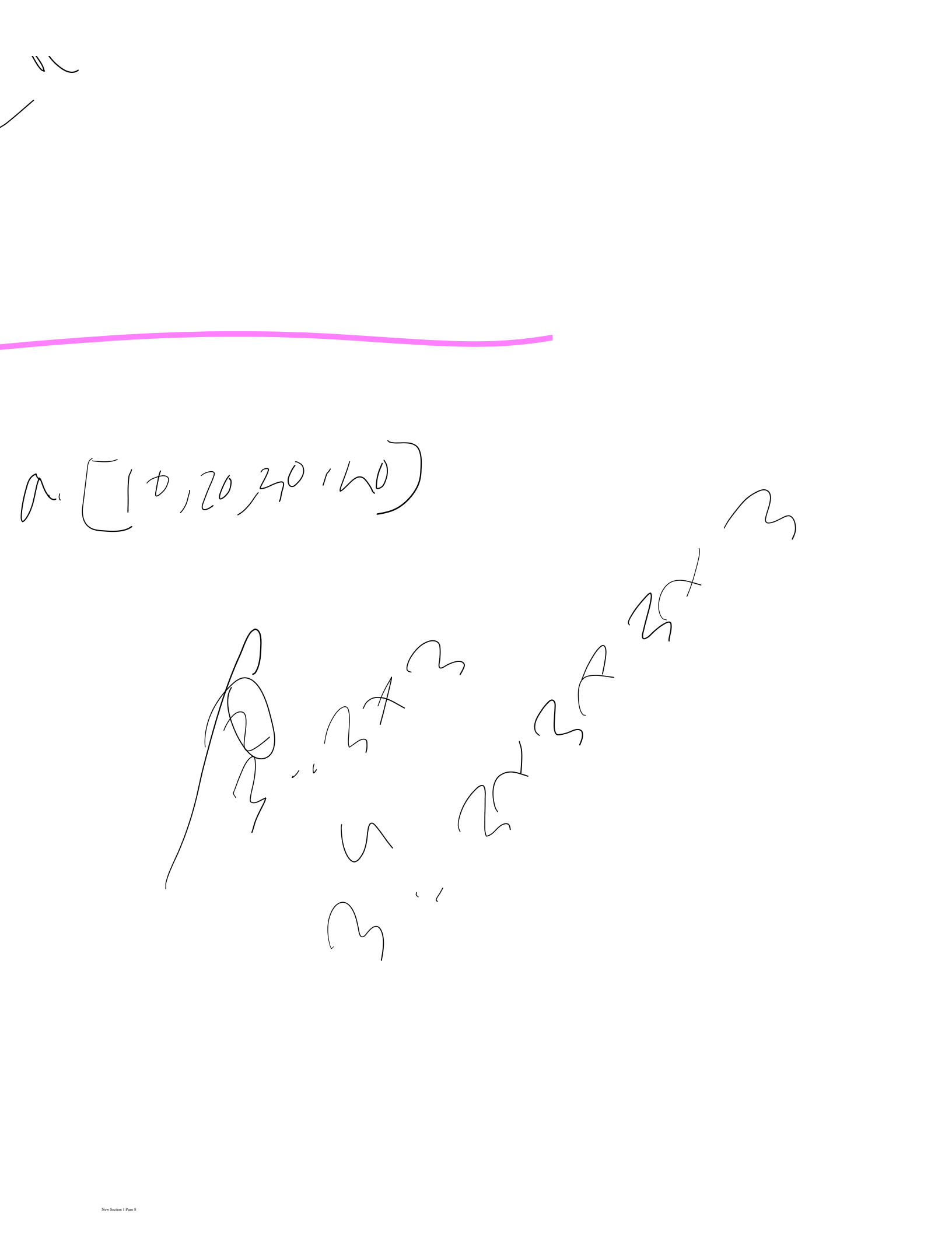
20

f(0, 0)

f(1)

f(2)

f(3)



a. [10, 20, 30, 40]

Handwritten scribbles and symbols, including a large 'A' with a circle around it, and various wavy lines and small marks scattered below the pink line.





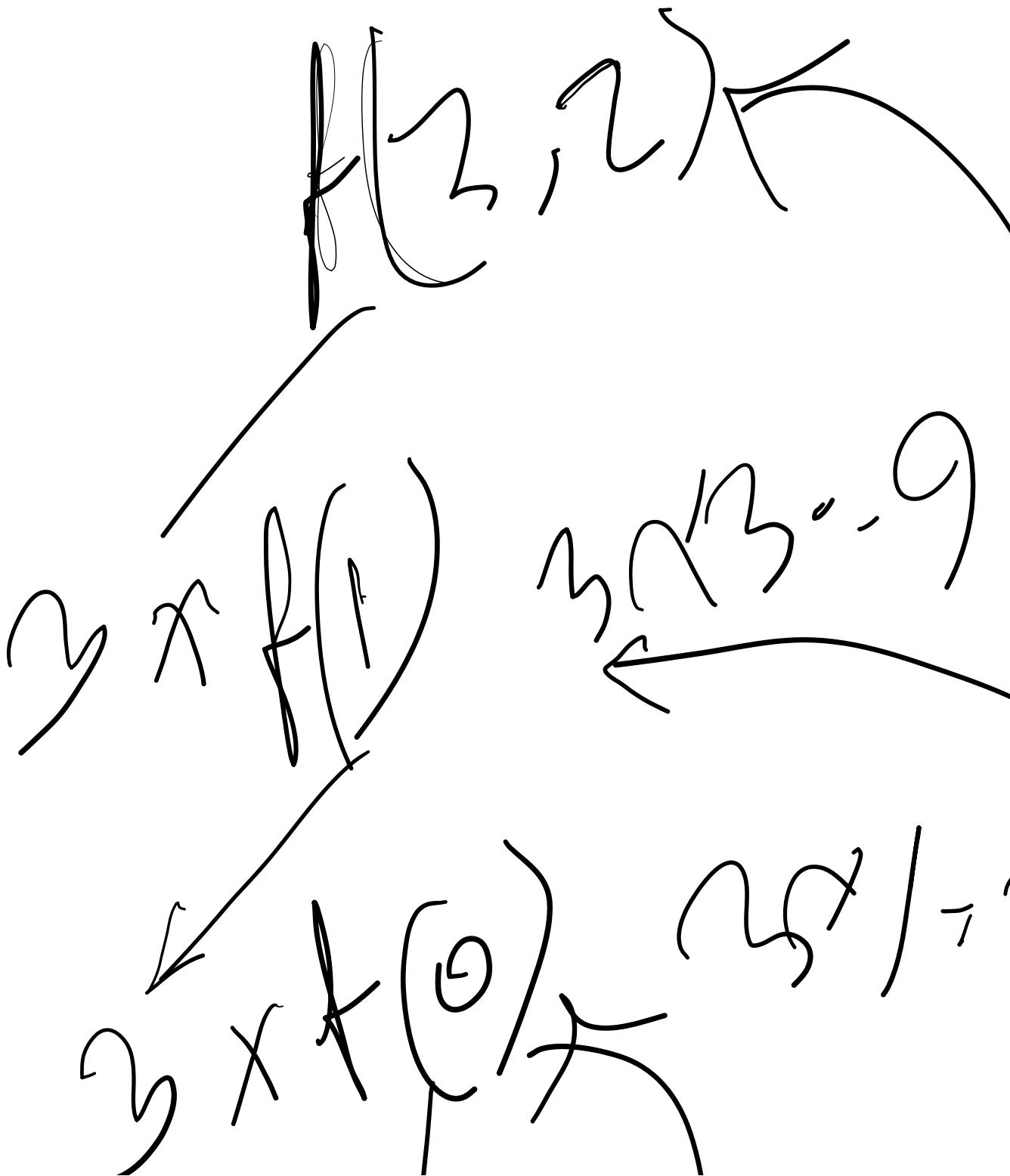






HS

Power

















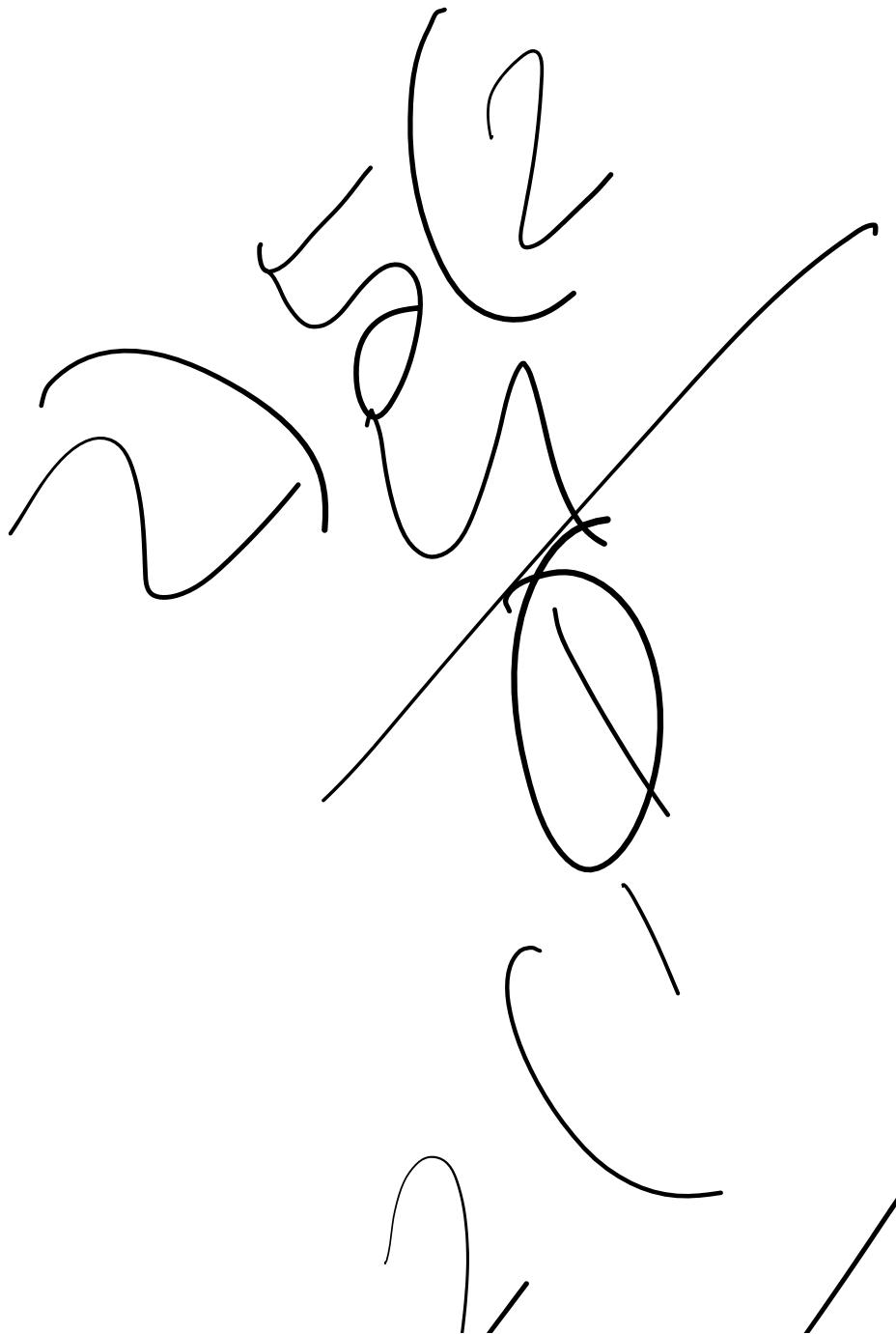
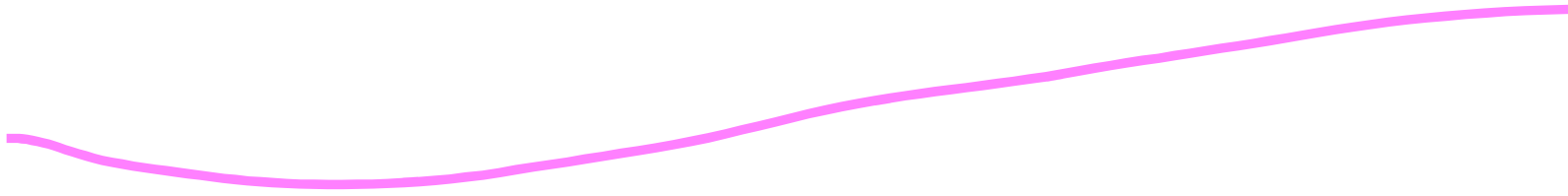












Pin

2/20

1/5

$f(15)$

$\frac{1}{2}$

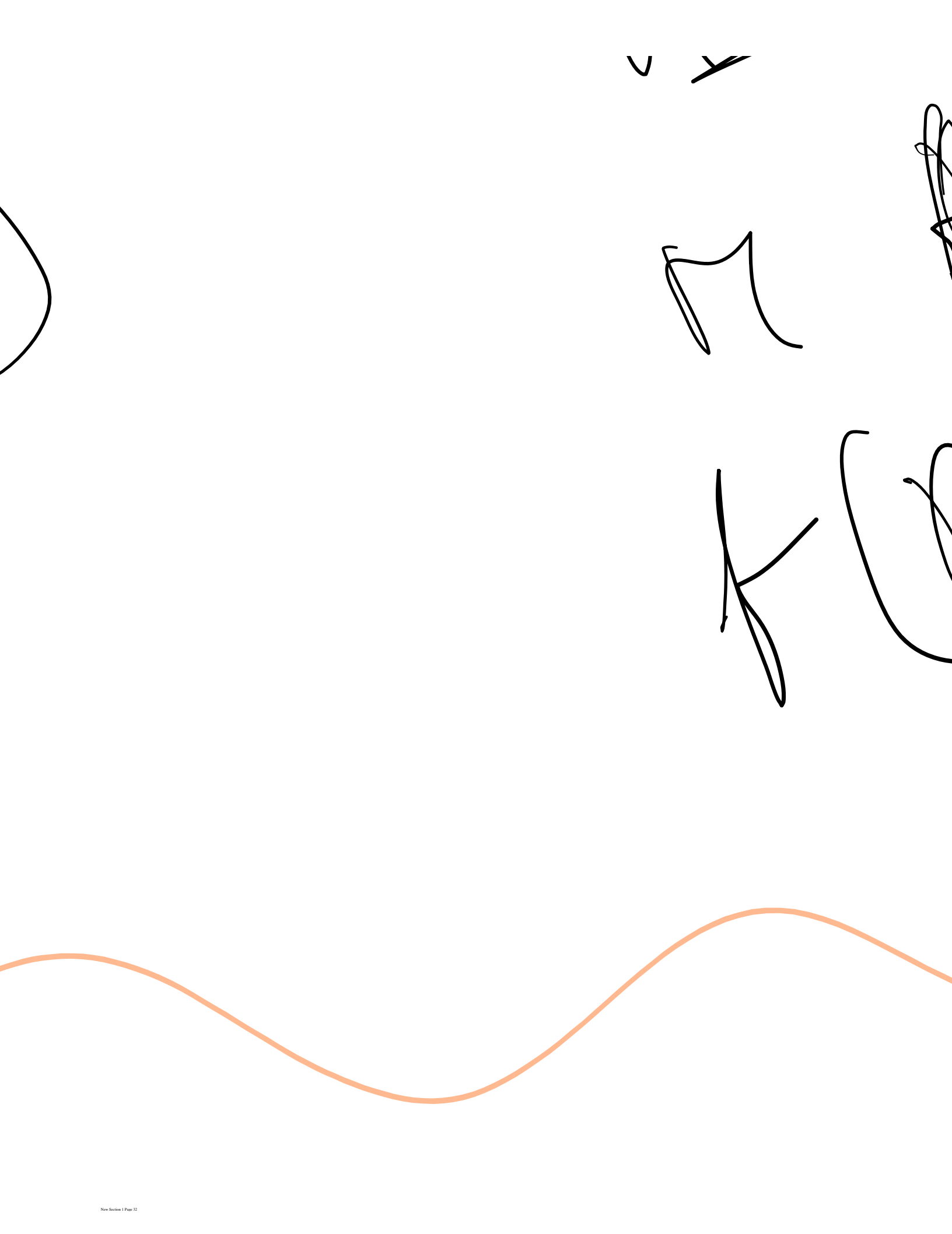


5  
12/1



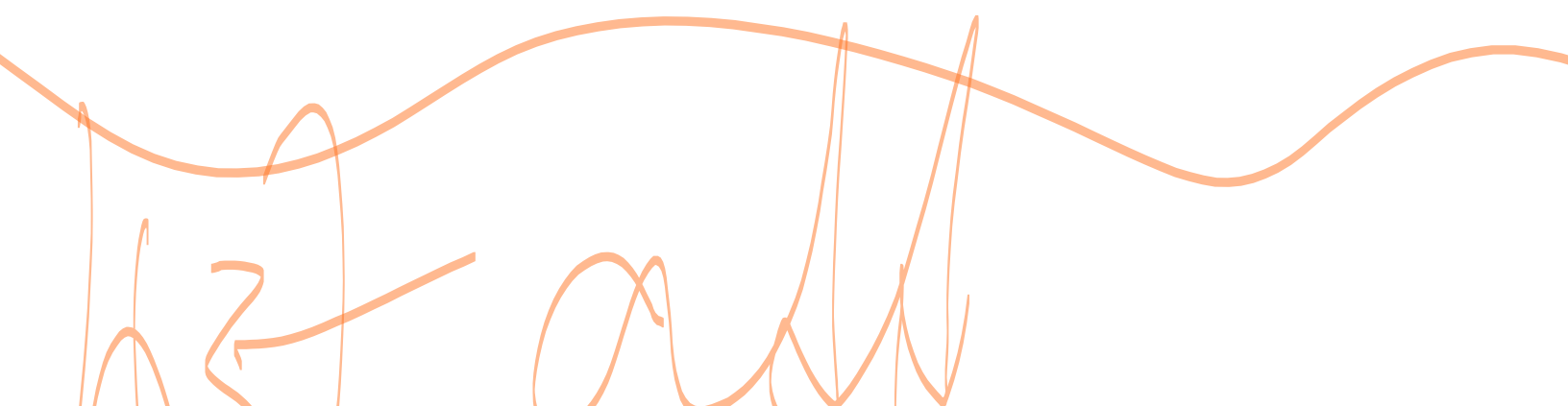








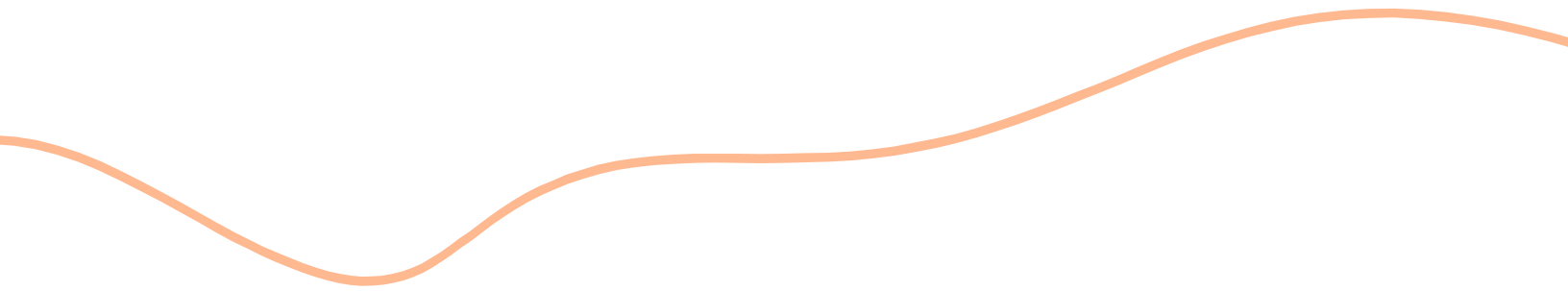












16 4 f

90

mm

$f(10)_h$

$f(20)$

$f(n)$

not





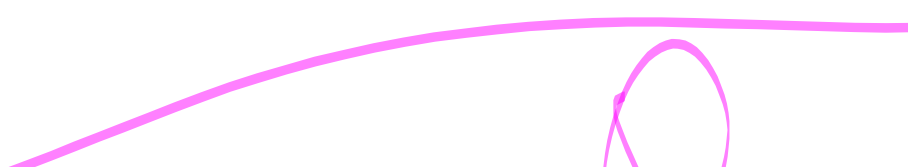
530 → 60 → 0

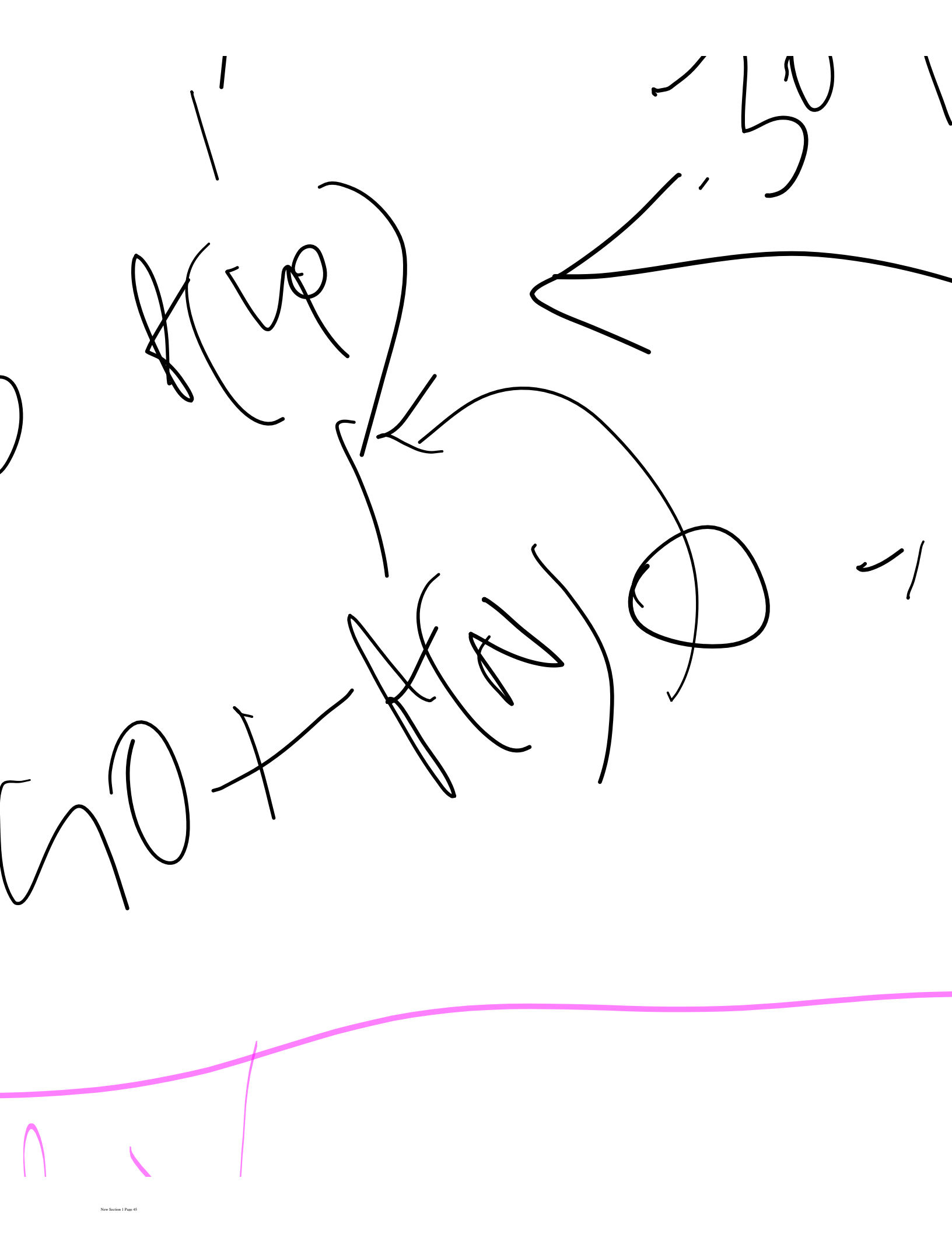




✓✓

30

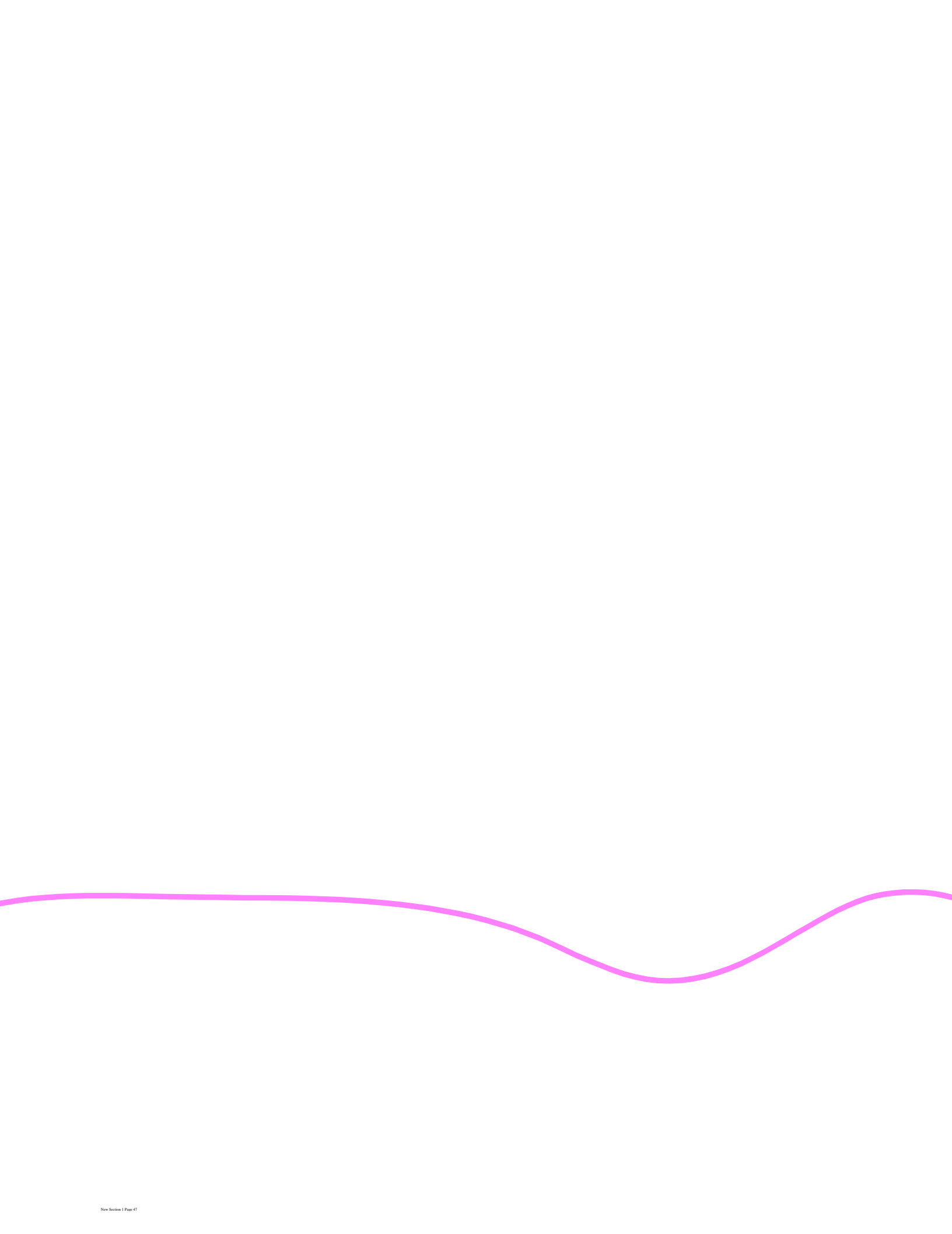




u 1

wo

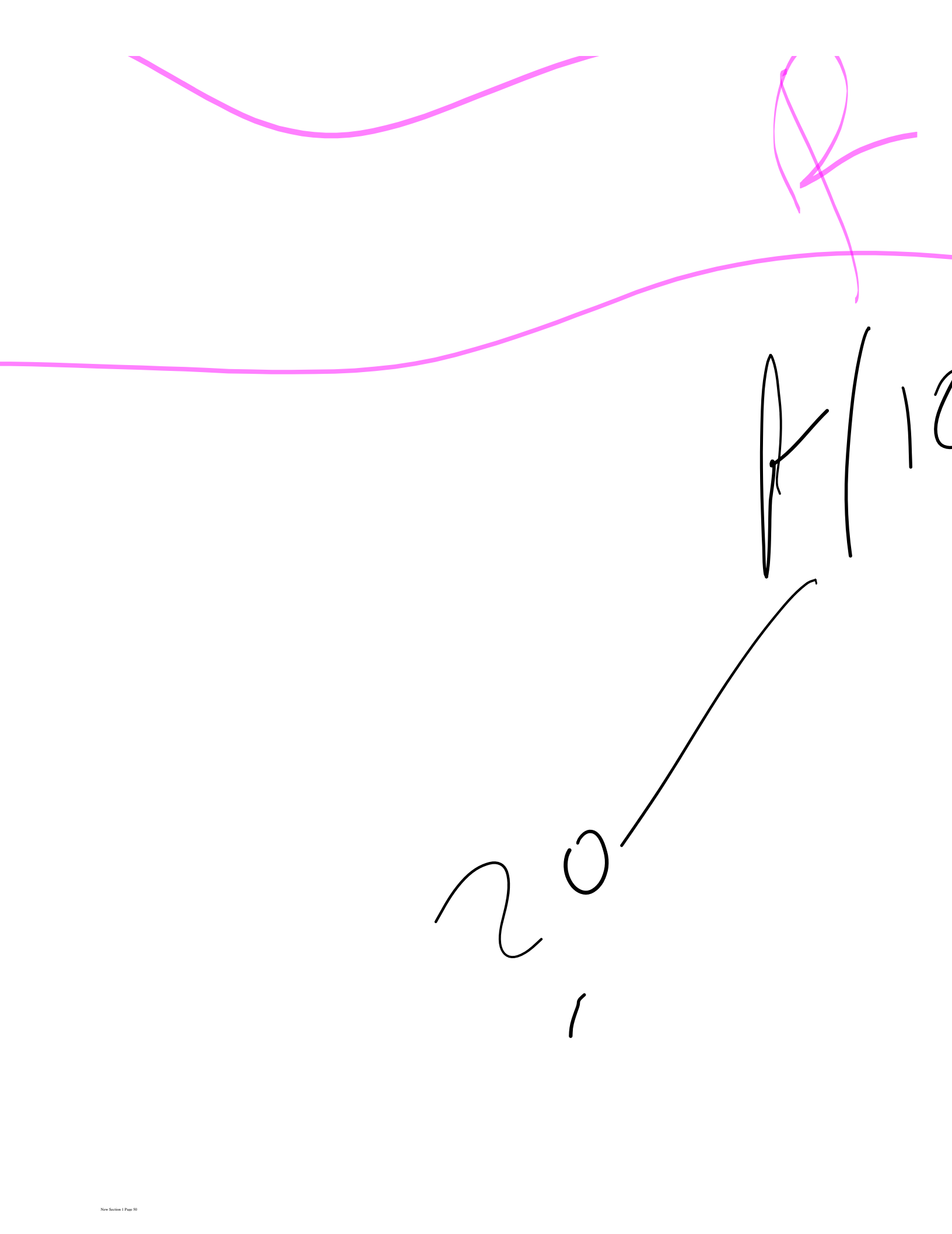












20  
1

1/12

en

01

10 → 20

09308408N







20

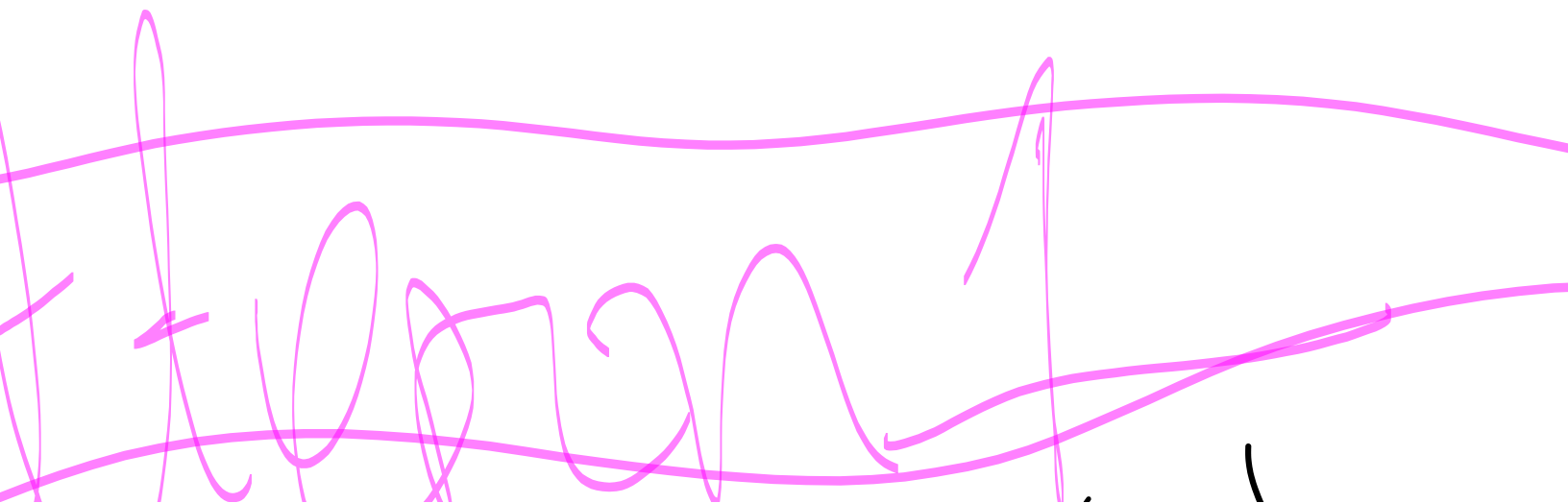
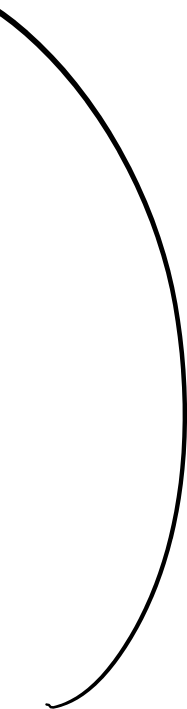
r

no

2

Pen

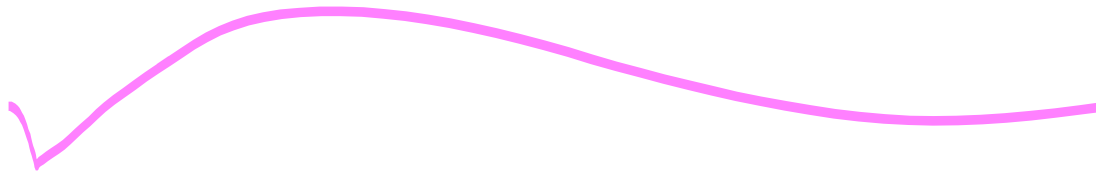












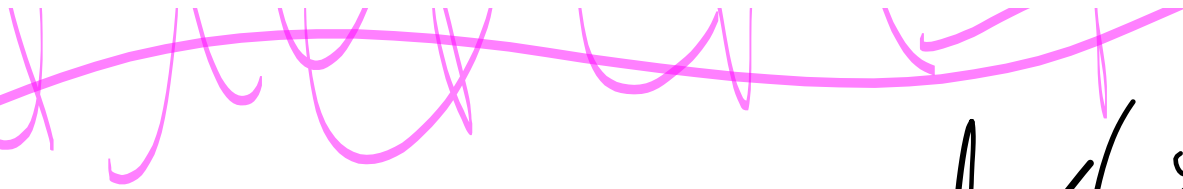
14

12

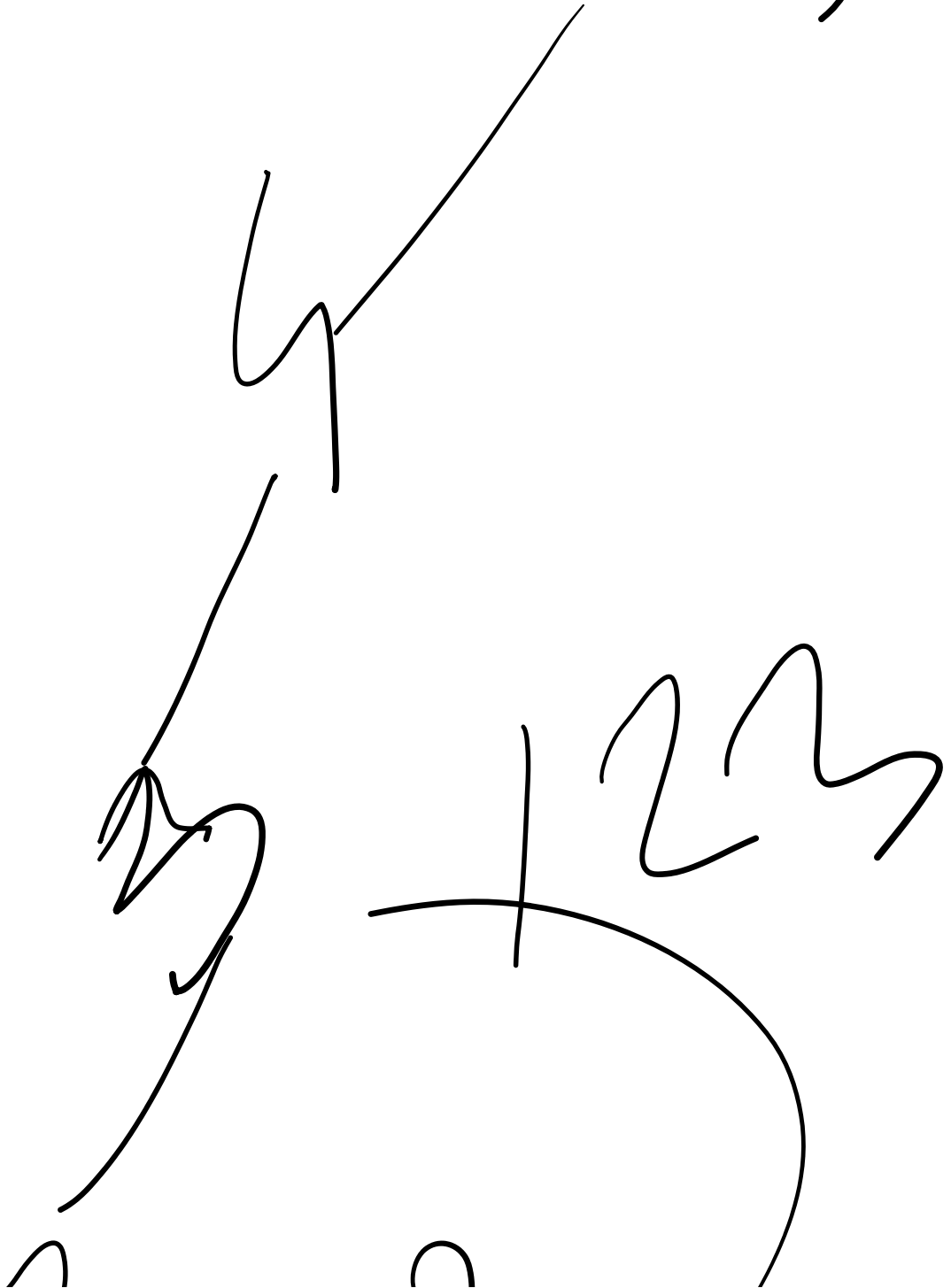
123

1234



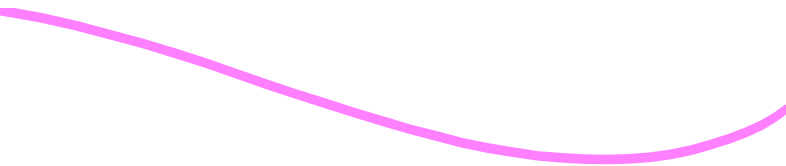


$f(5)$









up to

neg

,

2

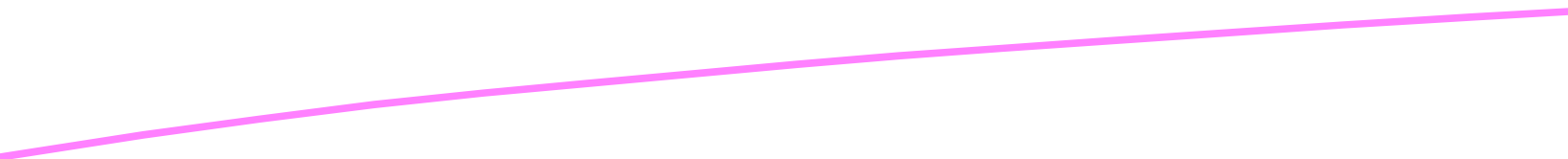
2

2



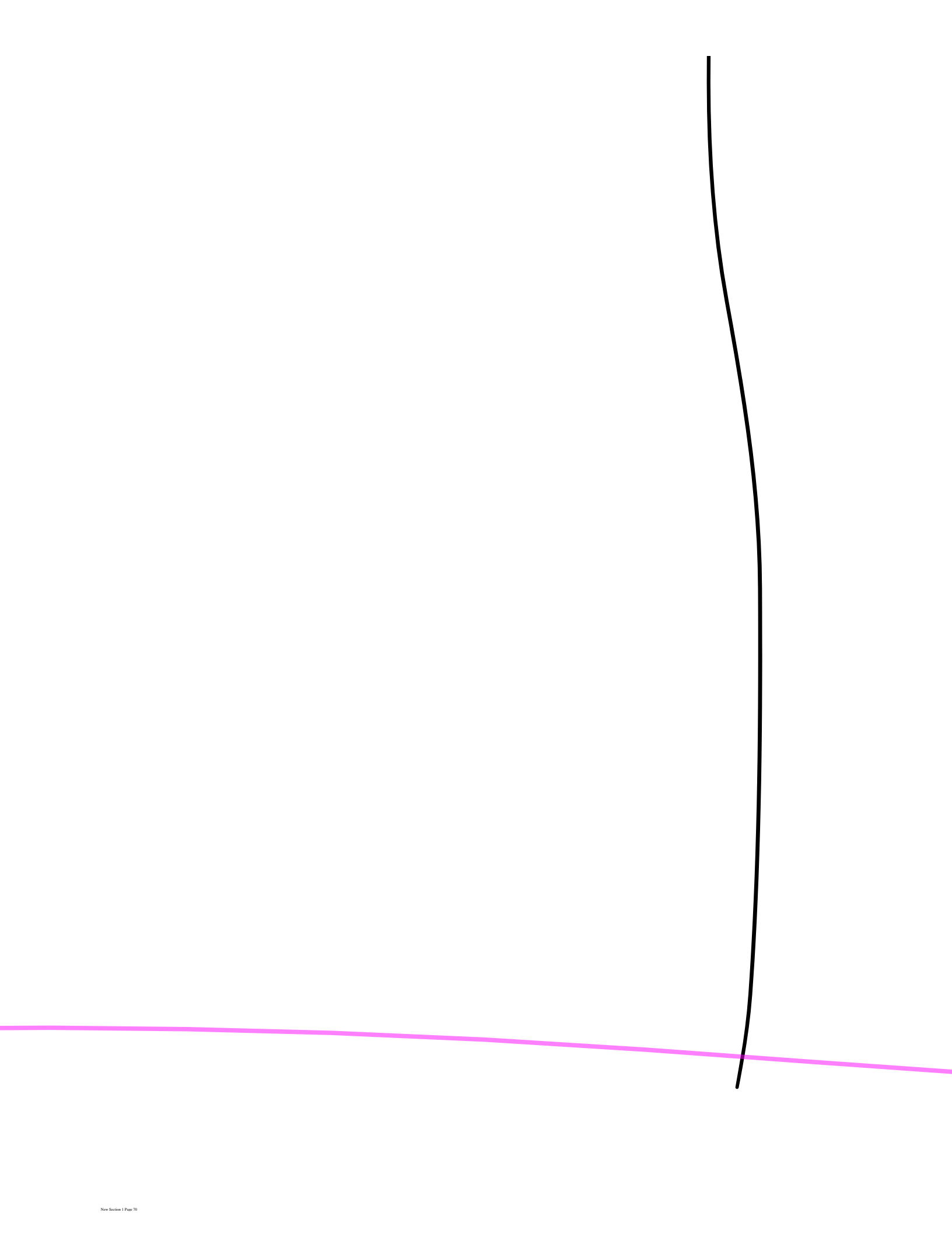
124

WZ



2  
1  
1  
2  
5  
0

0. 1. 2. 3. 4. 5.










part.

1



			1
		1	2
	1	2	3
1	2	3	4
2	3	4	5

↓ (3/10)

↓

W. 1

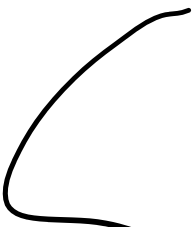
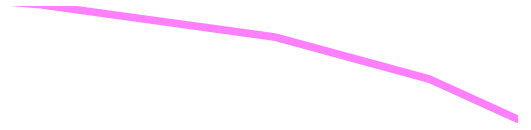
↓

3/2

↓

2/3















/

~

1

~







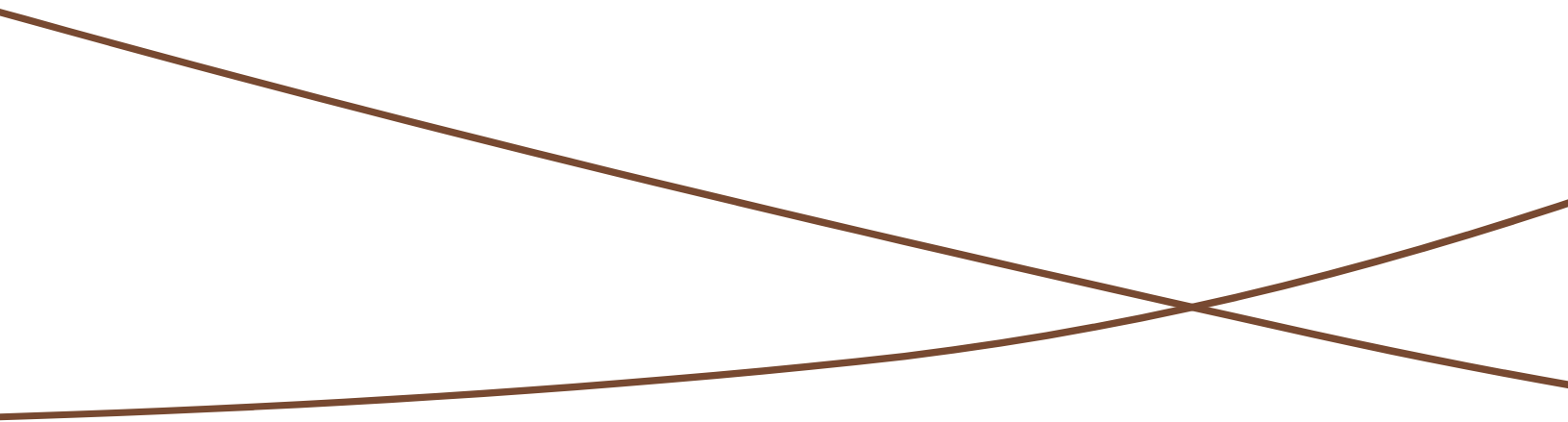


XC



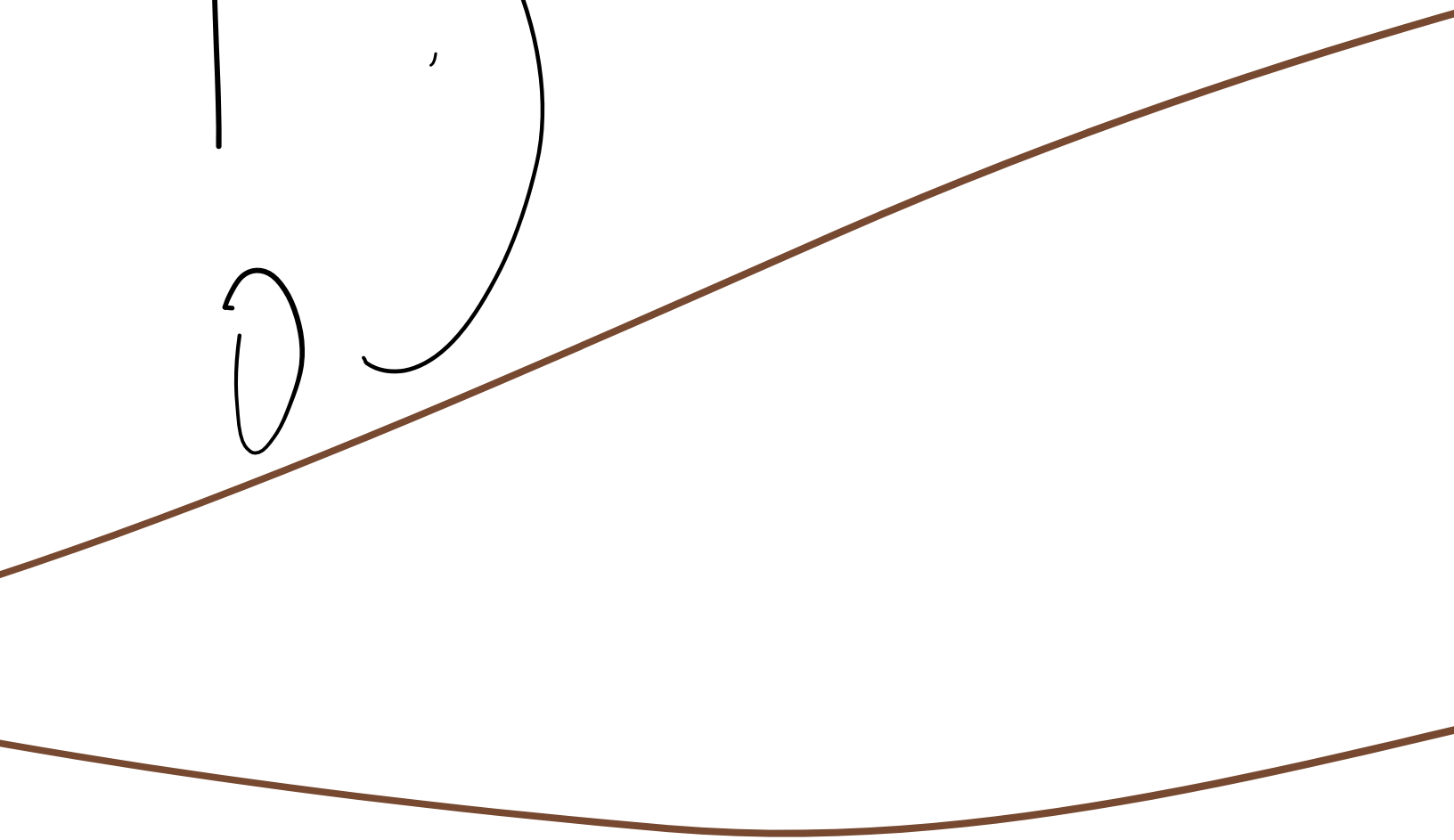
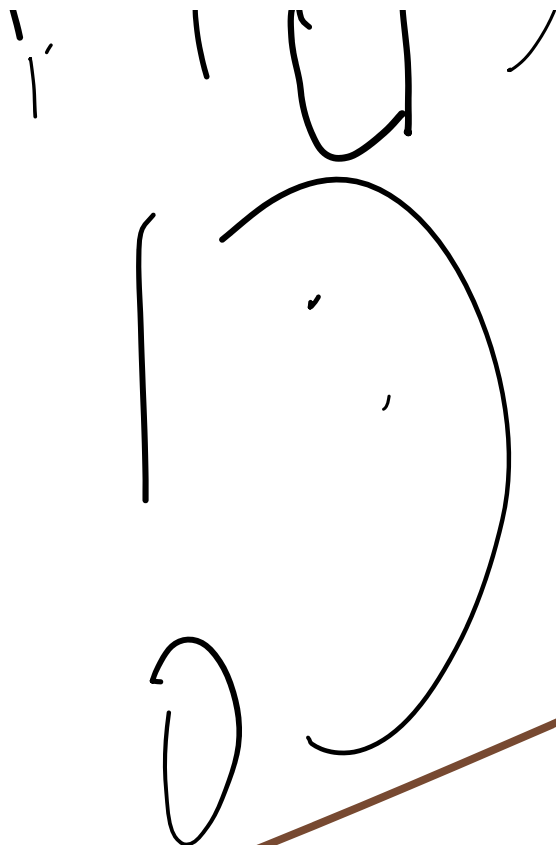
—

ouse



7 5 x 2 2 2







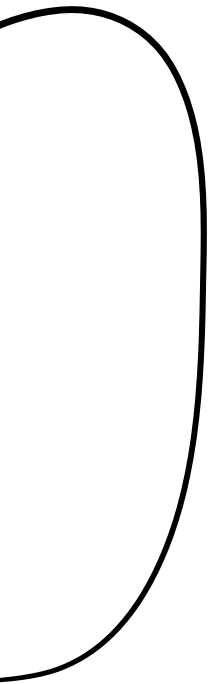




2180



5 x 8

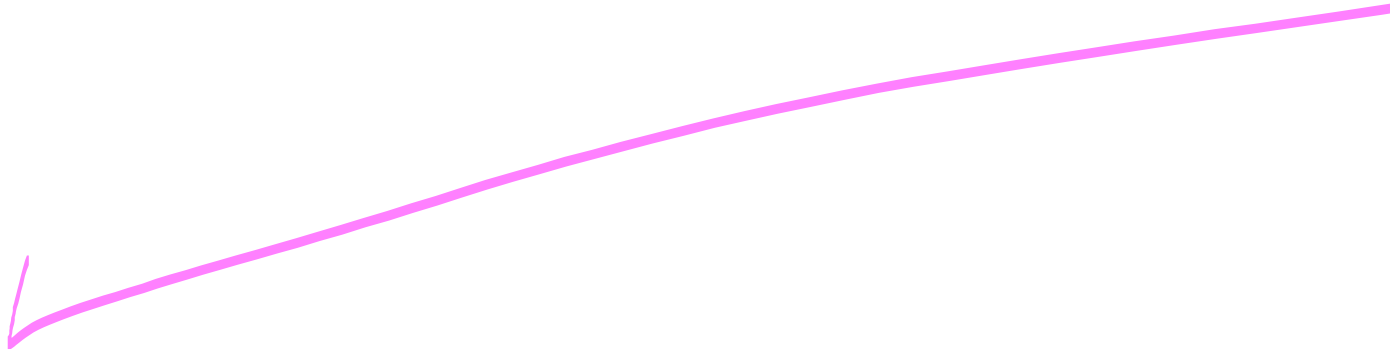












$A(2, 20)$

$A(3, 40)$

$$P(a, 1, 10)$$

w

next

$a \tau$

10

0

/

/

1

.

.

1

-

i

x

7, 20, 45, 30  
1 2 3

\_\_\_\_\_

2  
2



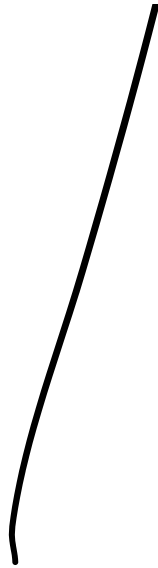
0 ( / 1 -

~~H~~(4, 40)

~~g~~(5













8/5



```
1  #find max
2  def maxi(a,idx,m
3      if idx<len(a
4      if a[idx]
5          max=
6      else:
7          pass
8      maxi(a,i
9      print(ma
10     else:
```

max):  
):  
>max:  
a[idx]

dx+1,max)  
x)

$f(1, 10)$   
 $f(2, 20)$

$f(0, 10)$

max

min



10 20  
0 1

40 20

2 3



```
10         else:
11             return m
12
13 a=[10,20,40,30]
14 print(maxi(a,0,a))
```



max

[0]))

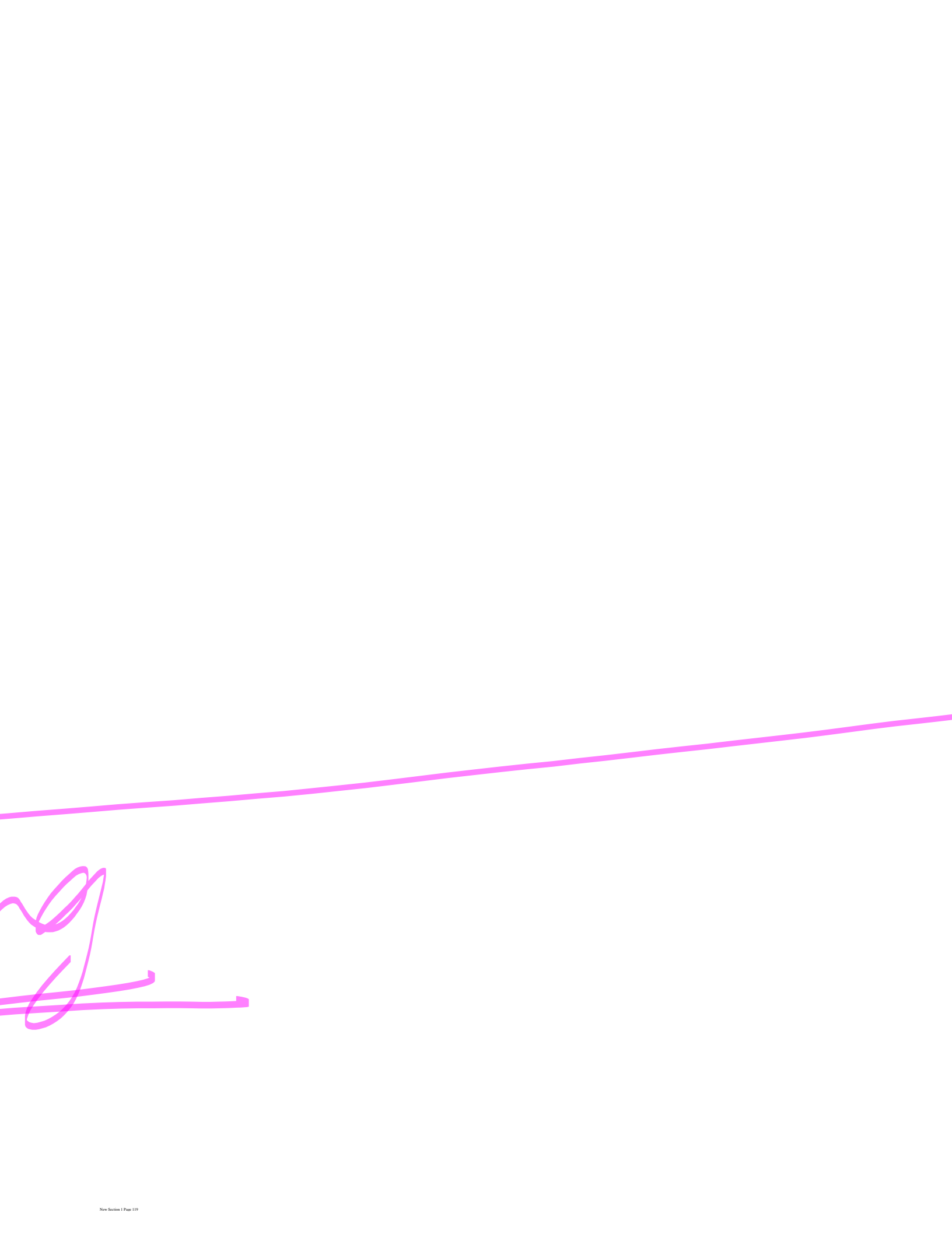
$f(2, 40)$   
 $f(4, 4)$

lev

$\lambda_{\text{max}}$

0

of a string











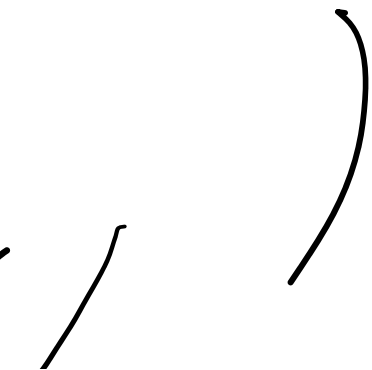
h

/

h(B, D),

/

h(C, D)



a: A B C D E









111

1-1-1

1-1-1







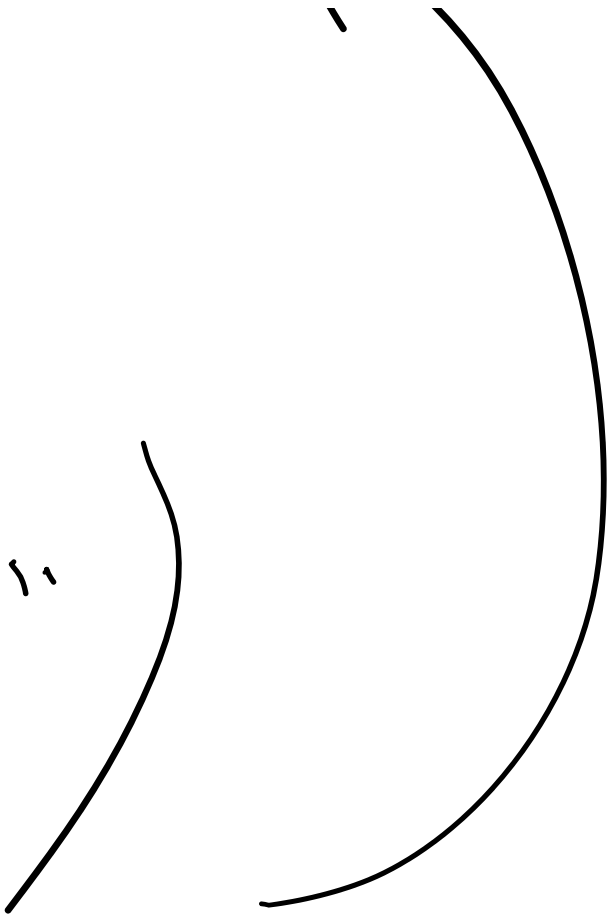




1  
H<sup>1</sup>

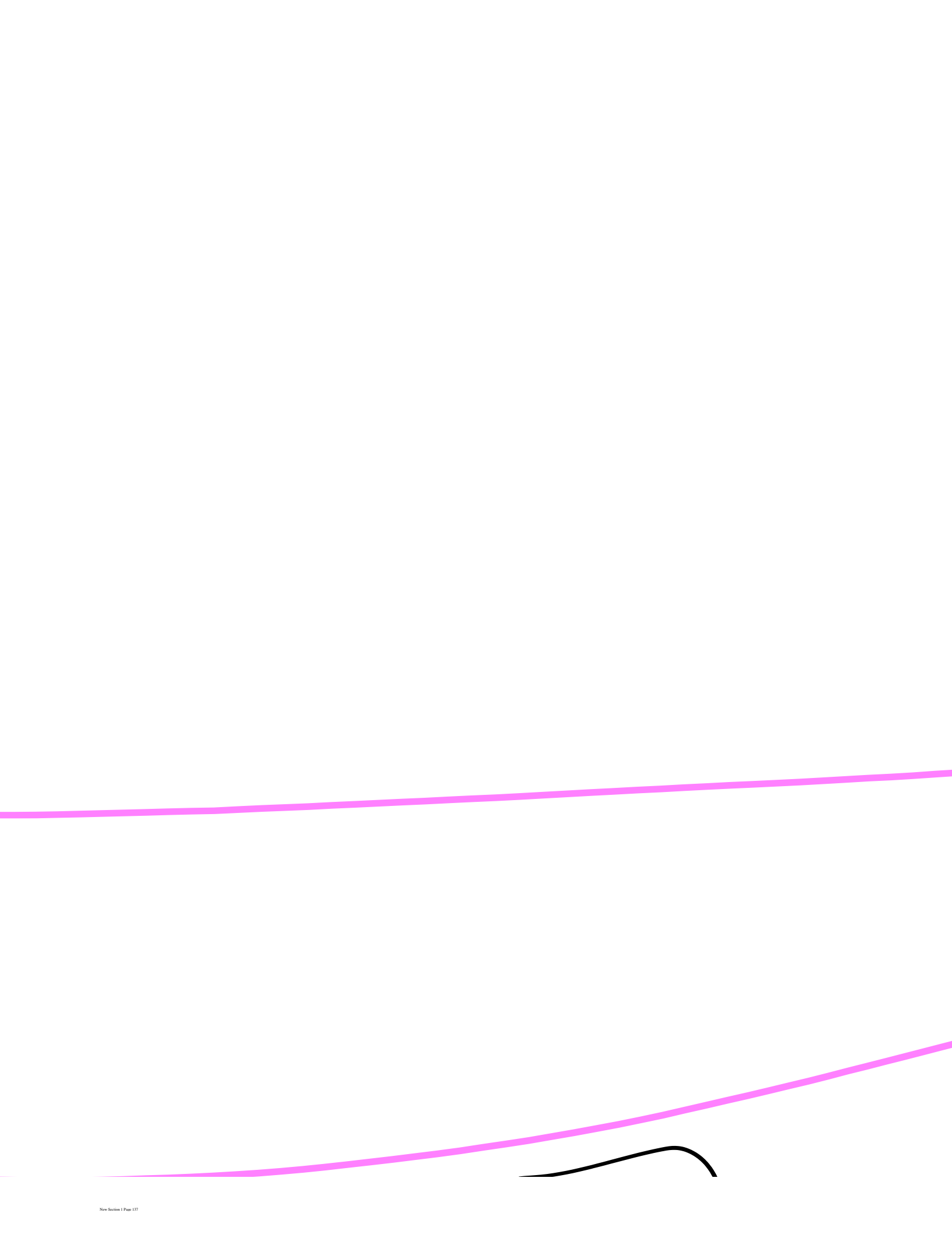
50

A/O. A/



search











$f(1)$

$f(2, 9)$

11

01

94

11

91

11

11

$\alpha \tau$   $\left[ \begin{array}{c} \text{ } \end{array} \right]$

$i$

$\alpha \cdot \alpha$

0, 2, 1, 7  
1 2 3

a [idx] = z key  
put in to  
the

.

ful

$n(x) :$





1  
3  
1  
9



Ch. 1

e

$i \frac{dx}{dt}$  ~~←~~  $\frac{1}{-}$   
return

lye  $r$   
 $i$

