

| | CAF | P | hc | C |
|---|-----|----|-----|------|
| A | 1 | 15 | 20 | 300 |
| B | 1 | 10 | 30 | 400 |
| | | 90 | 120 | 2400 |

doses A: x # doses B: y

$$15x + 10y \geq 90$$

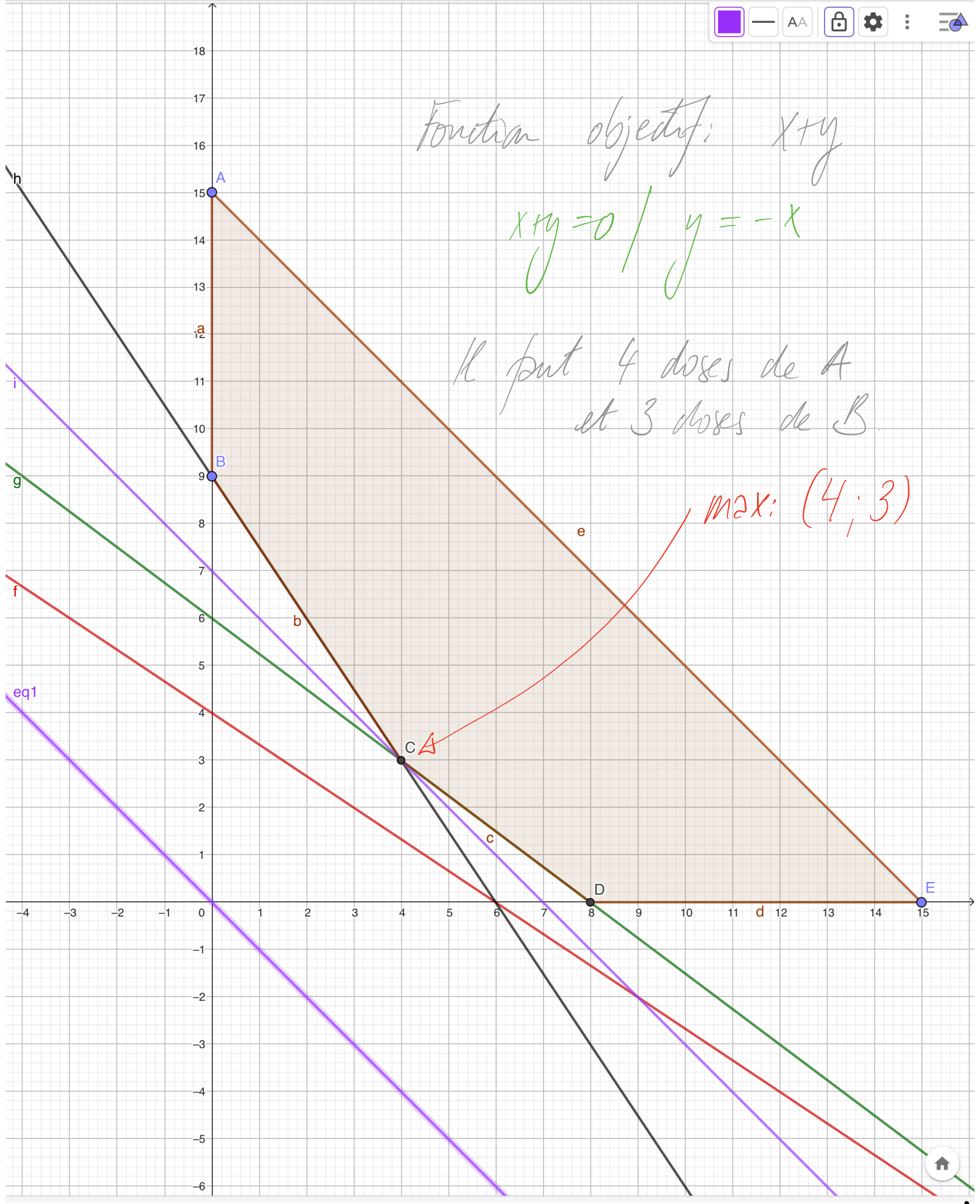
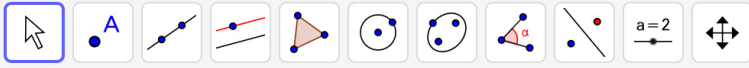
$$y = -1.5x + 9$$

$$20x + 30y \geq 120$$

$$y = -\frac{2}{3}x + 4$$

$$300x + 400y \geq 2400$$

$$y = -\frac{3}{4}x + 6$$



Fonction objectif: $x+y$

$$x+y=0 \quad / \quad y=-x$$

Il faut 4 doses de A
et 3 doses de B

max: (4; 3)

h

i

g

f

eq1

-4

-3

-2

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

-1

-2

-3

-4

-5

-6

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

-1

-2

-3

-4

-5

-6

A

B

C

D

E

a

b

c

d

e

f

g

h