

- CORRECTION EXERCICES -

TR 2
Ch 3
2nde

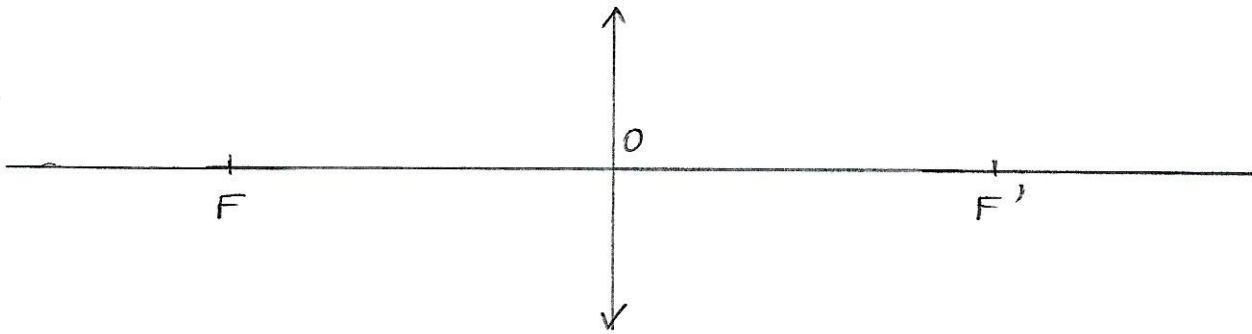
①

2 p 270

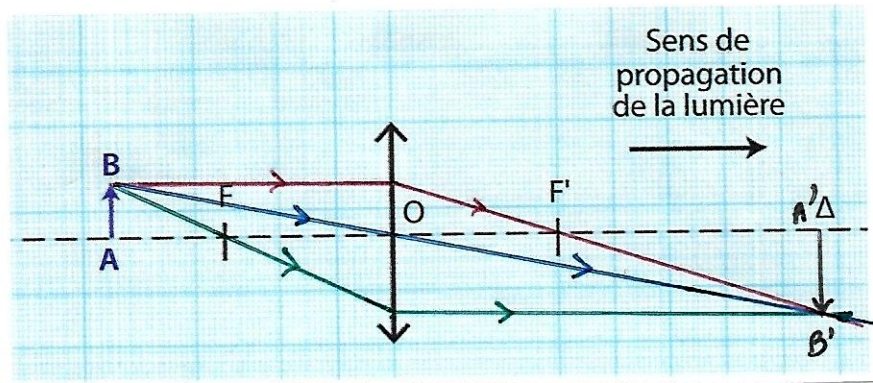
- 1) F foyer objet
O centre optique de la lentille
F' foyer image

2) $f' = 3 \text{ cm}$

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5 p 270



6 p 270

1) $|x| = \frac{A'B'}{AB} = \frac{OA'}{OA}$ 2) $|x| = \frac{1,5}{1,5} = 1$ $|x| = \frac{OA'}{OA} = \frac{6}{6} = 1$

(Note: In the original image, red arrows point from the 1,5 in the second equation to A'B' and AB, and from the 6 in the third equation to OA' and OA.)

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$$|\gamma| = 0,80$$

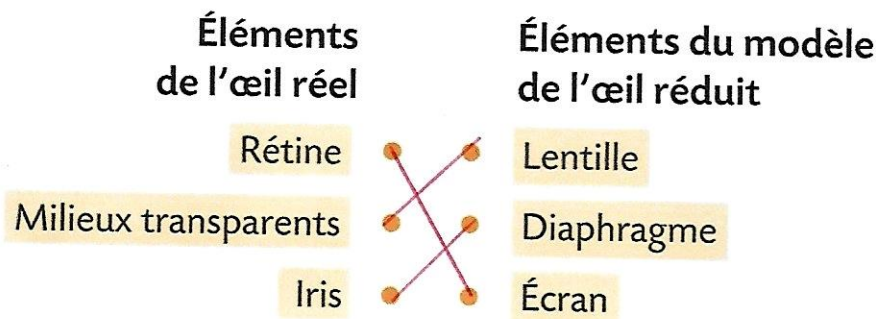
1) Comme $|\gamma| < 1$ l'image est plus petite

2) $|\gamma| = \frac{A'B'}{AB}$ donc $A'B' = |\gamma| \times AB$

$$A'B' = 0,80 \times 5,1$$

$$\underline{A'B' = 4,08 \text{ cm}}$$

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1) Sur la rétine

2) l'iris

3) l'ensemble des milieux transparents permettent de faire converger la lumière vers la rétine pour former une image nette.