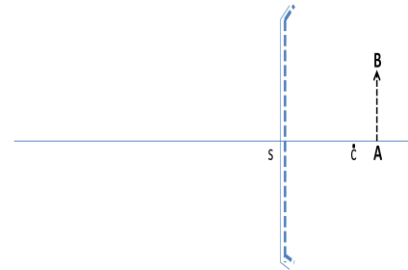
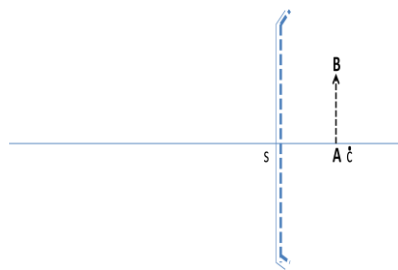
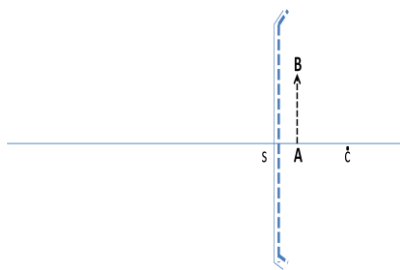
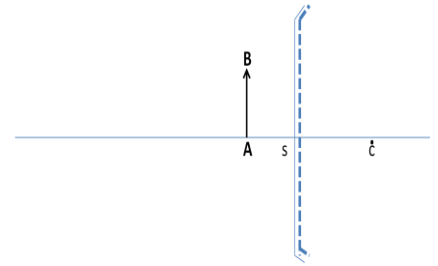
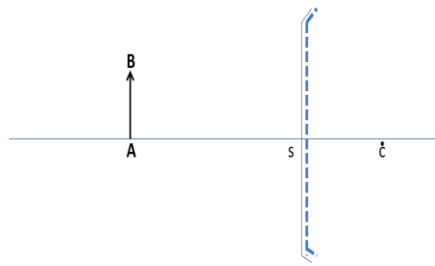
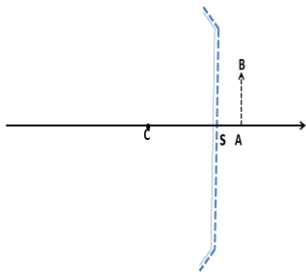
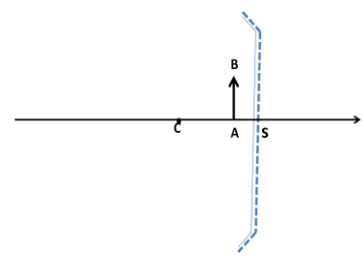
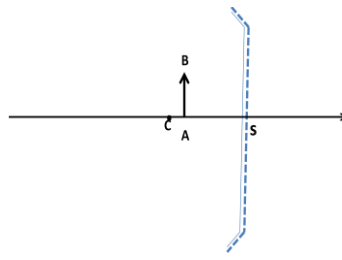
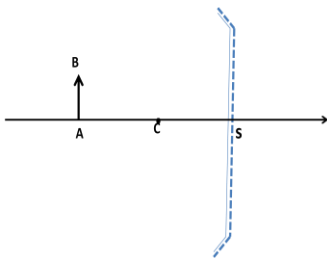


TD1 Miroirs Sphériques S3 2^{ème} Phy

Exercice 1

Construire l'image pour chaque cas :



Exercice 2

On considère un miroir sphérique concave, de centre C, de sommet S de rayon de courbure

$R = SC = - 30$ cm et un objet AB de hauteur 1 cm.

1. Donner la position du foyer F.

2. Déterminer l'image A 'B' de AB en précisant sa position, sa nature, son sens et sa taille dans les différents cas suivants : $SA = - 60$ cm , $SA = - 20$ cm , $SA = 10$ cm. Préciser dans chaque cas la nature de l'objet. Faire la construction de l'image dans les trois cas.