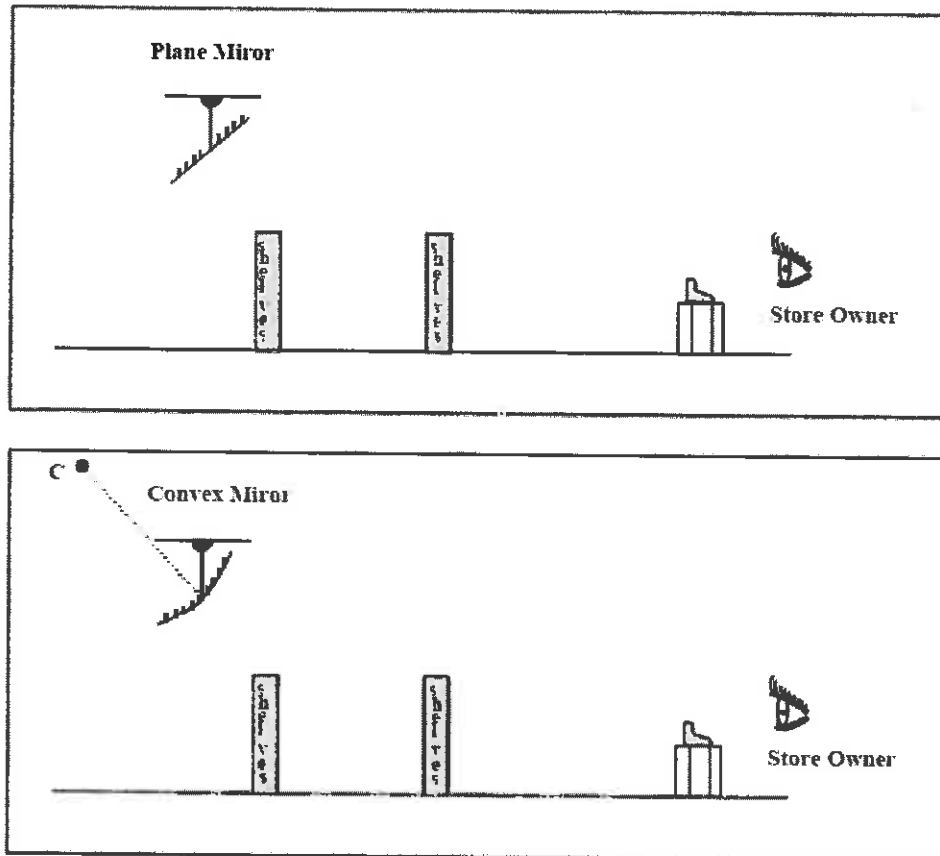


Name: _____

Reflection Worksheet

1.

A convenience store owner wants to have a ceiling mirror in her store to be able to monitor as many customers as possible from her cash register. She can choose between a plane mirror and a convex mirror.

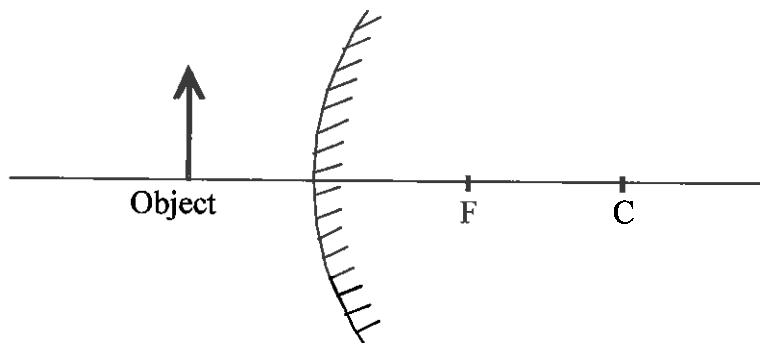


Which mirror best meets the store owner's needs?

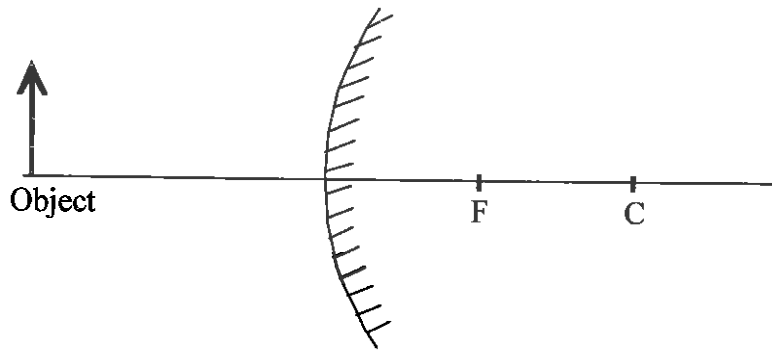
Explain your answer by drawing a diagram showing the store owner's field of vision with each mirror.

2. Draw the principle rays for each object. Locate the image.

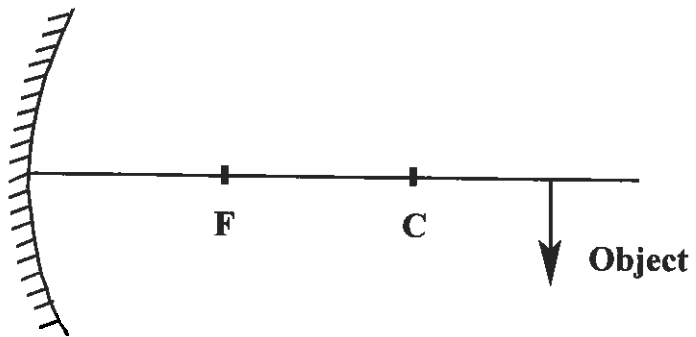
a)



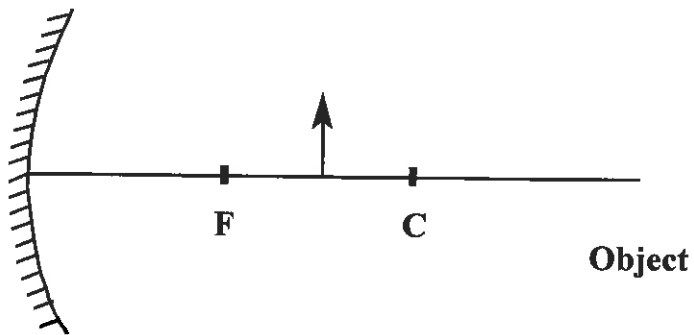
b)



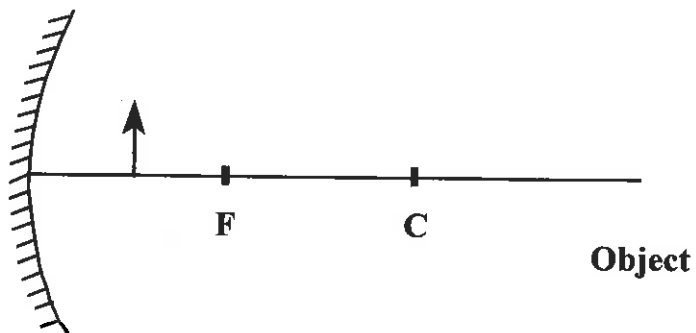
c)



d)



e)

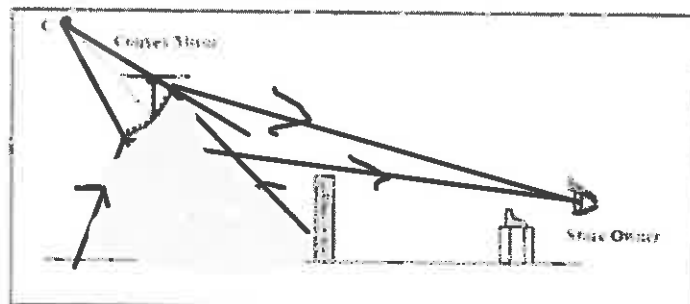
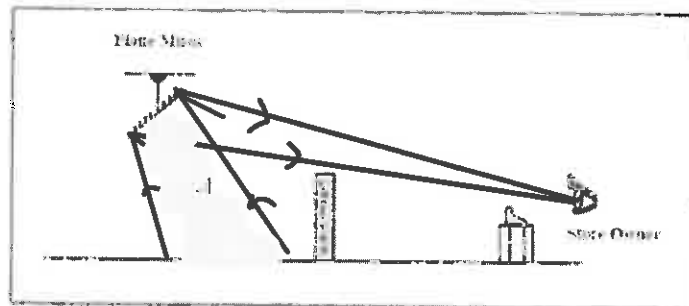


Name: Answers

Reflection Worksheet

1.

A convenience store owner wants to have a ceiling mirror in her store to be able to monitor as many customers as possible from her cash register. She can choose between a plane mirror and a convex mirror.



Which mirror best meets the store owner's needs?

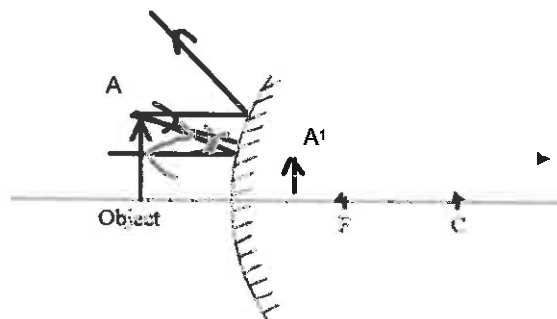
Convex mirror

Explain your answer by drawing a diagram showing the store owner's field of vision with each mirror.

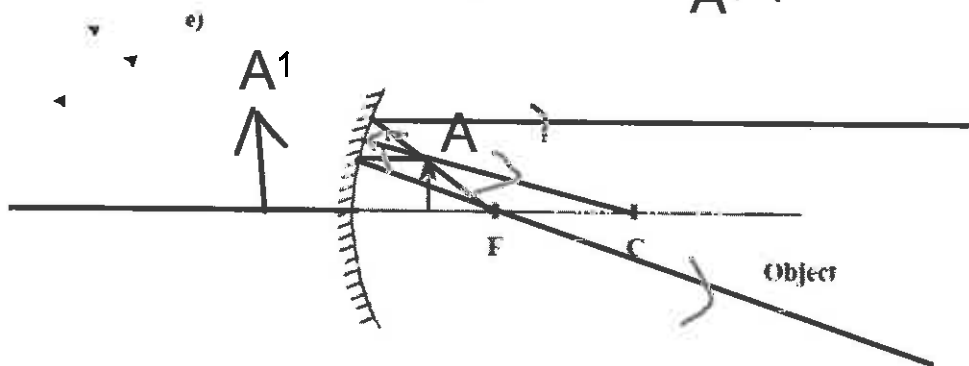
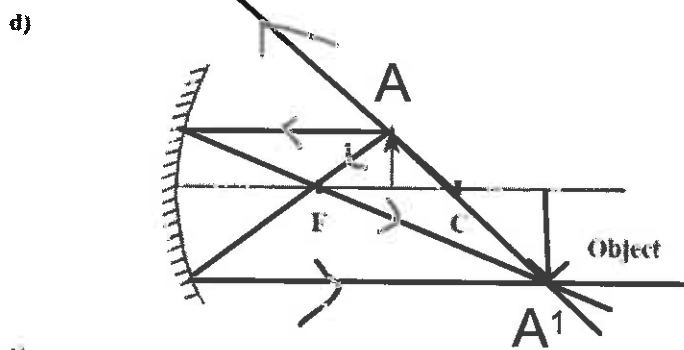
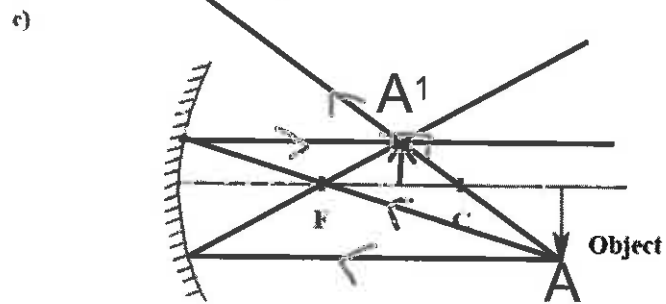
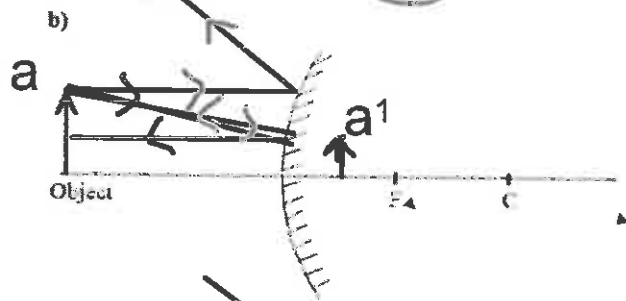
2. Draw the principle rays for each object. Locate the image.

a)

①
②
③



① ② ③



1
2
3

1
2
3

1
2
3