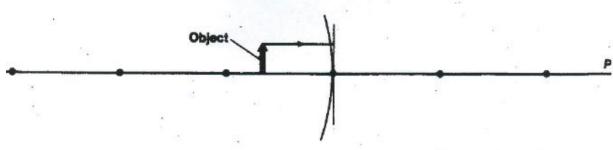
Name:	Mirror Equations Quiz	Period:
1. Which of the following	g statements regarding a real image is false?	
A. Light rays actu	ually pass through a real image.	
B. A real image of	can be "captured" on a surface.	
C. Reflected light	t can form a real image.	
O D. A real image of	can be located on either side of a mirror.	
	a concave mirror is located 11.30 cm behind the mirror e mirror. What is the focal length of the mirror?	or when an object is
A. 2.79 cm		
O B. 5.49 cm		
C5.49 cm		
O D. 15.00 cm		
	mirror has a focal length of 12.5 cm. The real image for e mirror. What is the object distance?	rmed by the mirror is located
A. 94.3 cm		
B. 6.69 cm		
C94.3 cm		
O D. 9.43 cm		
	certain concave spherical mirror is 17.0 cm. The image of the mirror is, and the magnification of	
A. 24.8 cm, -0.45	59	
B. 24.8 cm, 0.459	9	
C. 24.8 cm, -2.18	3	
D24.8 cm, -0.4	59	
5. An object placed at th	ne focal point of a concave mirror will	
A. form a virtual i	mage.	
B. form a real ima	age.	
C. form an enlarg	ged image.	
O. not form an im	nage.	

6. The image of an object located 18.8 cm in front of a convex spherical mirror appears to be located 6.50 cm behind the mirror. The focal length of the mirror is __ cm, and the radius of curvature of the mirror ____ cm. A. 4.83, 9.66 B. -4.83, -9.66 C. -9.90, -9.90 D. -9.90, -19.8 7. An object is placed in front of a convex spherical mirror with a focal length of 9.00 cm. The image of the object forms 4.10 cm behind the mirror. The object is located ______, and the magnification of the image is _ A. 7.52 cm behind the mirror, 0.545 B. 7.52 cm in front of the mirror, -0.545 C. 7.52 cm in front of the mirror, 0.545 D. 2.82 cm in front of the mirror, 1.45 8.



9.

