

Name: _____ Date: _____

Light

Q1. State the differences between a convex and a concave lens.

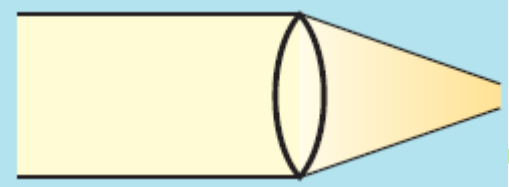
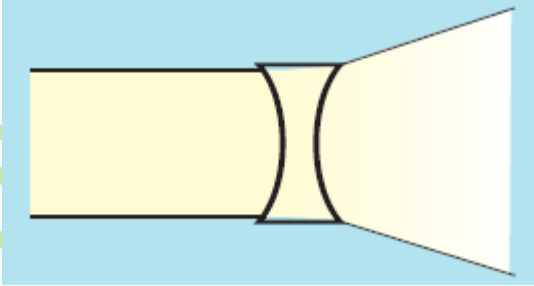
Ans.

	<u>Convex Lens</u>	<u>Concave Lens</u>
1.		
2.		
3.		

Light

Q1. State the differences between a convex and a concave lens.

Ans.

<u>Convex Lens</u>	<u>Concave Lens</u>
<p>1. Those lenses which feel thicker in the middle than at the edges are convex lenses.</p>	<p>1. Those lenses which feel thinner in the middle than at the edges are concave lenses.</p>
<p>2. A convex lens converges (bends inward) the light generally falling on it. Therefore, it is called a converging lens.</p> 	<p>2. A concave lens diverges (bends outward) the light and is called a diverging lens.</p> 
<p>3. A convex lens can form real and inverted image. When the object is placed very close to the lens, the image formed is virtual, erect and magnified.</p>	<p>3. A concave lens always forms erect, virtual and smaller image than the object.</p>