

name :

1 When a white light ray is directed to a prism, the \_\_\_\_\_ .  
 This is because the different colours in the white light bend \_\_\_\_\_ the normal at different angles when entering the prism.

**O**rain Tease   
 What will happen if a second inverted prism is placed behind the first prism?  

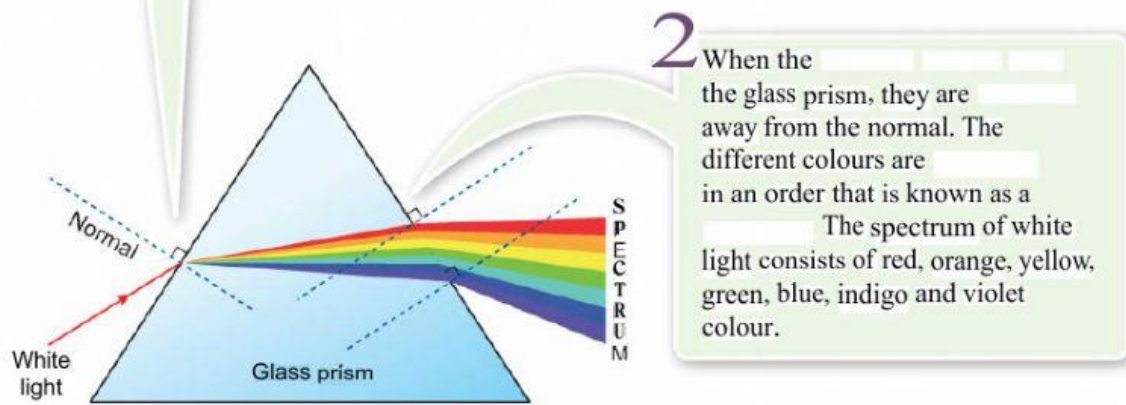
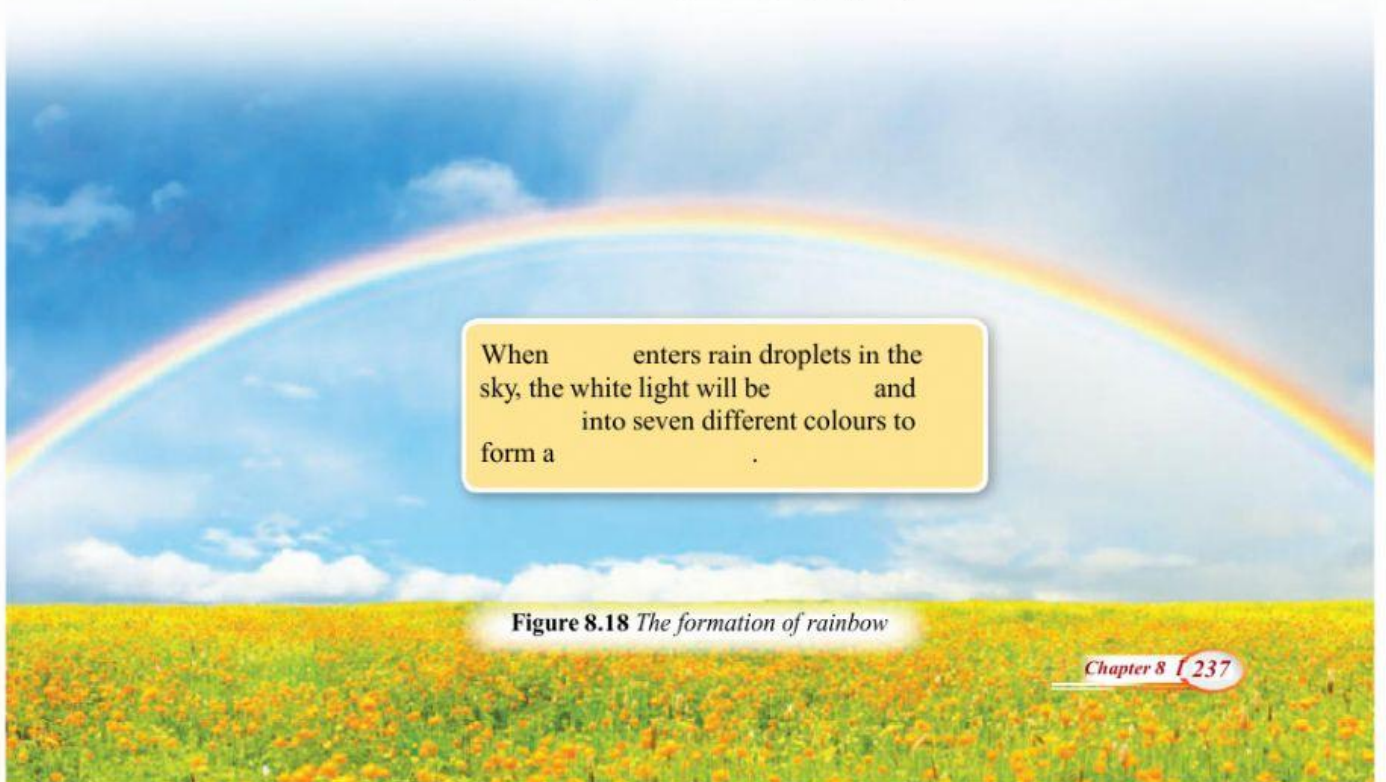



Figure 8.17 Dispersion of white light by a glass prism



When \_\_\_\_\_ enters rain droplets in the sky, the white light will be \_\_\_\_\_ and \_\_\_\_\_ into seven different colours to form a \_\_\_\_\_ .

Figure 8.18 The formation of rainbow