Name	Class	Date
Directed Reading B continued		
COLORS OF OBJECTS 29. What do humans see differe different colors	nt wavelengths of light	as?
30. What is the color that an ob	ject appears to be deter	mined by?
It is determined by the waveleng	gth of light that is reflected by t	t <mark>he object</mark>
31. What happens when white I some colors are absorbed and at The color of the object is the color	least one color wavelength is	
		41:-49
32. What colors of light are reflected to appear		te object?
all colors are reflected to appear	Wille	
33. What colors of light are absorbed all colors are absorbed	orbed by an opaque bla	ck object?
34. Why is ordinary window gla	ss colorless in white lig	ht?
It is colorless because almost al No individual wavelength is uniq		
35. What color of light do you s or translucent object?	ee when you look throu	gh a colored transparent
When white light passes through then only one color is allowed to brake lights of a car.	•	
36. What happens to the colors through a transparent or a t		ected by or transmitted
The NOT transmitted colors wil	I be absorbed by the filter	

Name	Class	Date
Directed Reading B continued		
PIGMENTS AND COLOR b 37. What is a pigment?		
a. a material that refr b. a material that give c. a material that give d. a material that tran	es a substance its colors a substance its text	
38. Give two examples of pigmenink and melanin and chlorophyll	nts.	
39. What happens when you mix40. Mixing pigments involves a p41. Name the three primary pigm	process called _ <mark>color s</mark>	ubtraction
color. Cyan, Magenta and Yel		ionieu io make uni, omiei