

Period:

Color



cstephenmurray.com

store has more room than your printer,

they can use more than just three dyes.

and cyan (absorbs red).

CMYK you would use yellow (absorbs blue)

N	ame	٠
ΤN	anne	٠

Period:

1. Pigment	A. A color model that uses pigments on a white background.	Draw the color chart here:		
2. Magenta B. A color made from red and green.				
3. Cyan	C. Dyes and paints are a type of this.			
4. Yellow	D. A color made from blue and red.			
5. RGB	E. A color model that uses lights on a black background.			
6. СМҮК	F. A color made from green and blue.			
Decide if the following use RGB or CMYK and why.				
Television:Why?		Make the following additive colors using RGB.		
Paint on a wall:	Why?	Cyan White Y		
Movie Theater: Why?		Red Magenta B	lack	
		Make the following subtractive colors using CMYK.		
	Why?	Blue White G	reen	
What color does Magenta absorb?		Red Magenta B	lack	
What color does Cyan absorb?				
What color does Yellow absorb?		What would happen if you used green light to g why?	row plants and	
What color is a stop sign? Does a stop sign use additive or subtractive color?				
What two colors would a printer use to make this color?		If a wave's third harmonic has a frequency of 24 Hz, what is its natural (fundamental) frequency and what is the frequency of H_6 ?		
Find the frequency of	f a wave with a period of 0.5 seconds.			
		Find its period:	₼	
A wave has these characteristics: 40 Hz and 6 m. Find speed.		What harmonic is this?		
		Mark the nodes and anti-nodes.	W	
You hear a thunder 4 seconds after you see the lightening. How		Mark one wavelength on the harmonic.		
far away is the storm	1	Can humans hear this frequency?		
		Find the fundamental frequency:	¥	
You are in a canyon and yell across. It takes 4 seconds for the echo to come back to you. How wide is the canyon?			/M	
		Fifth harmonic frequency:	\mathbb{W}	
		·	300 Hz	