

			Divisibilit	y rules: word problems	
a.	computers	into boxes		6 desktop computers. The factory put 7 desktop computers could be in each 6?	- 2
	<b></b> 6	<u> </u>	7	10	
b.				He just recieved a shipment of 432 notiones with different colors. How many	
	<b>5</b>	<b>1</b> 0	9	7	
c.	her father's	T-4	ach bag co	arbles. There are 34, 970 marbles pac ntains the same number of marbles. H	
	7	12	<b>1</b> 1	<b>1</b> 0	
d.	Yesterday,	Miss Lariss	a made 72	cookies. If she arranged the cookies of each platter, how many desserts could	
d.	Yesterday, the same r	Miss Lariss	a made 72	cookies. If she arranged the cookies o	
d. e.	Yesterday, the same r on each pl	Miss Lariss number of catter?  3 55 tomato	a made 72 cookies on 6	cookies. If she arranged the cookies o each platter, how many desserts could	I she have put





	Name: Class:	
	Divisibility rules: word problems	
a.	A computer factory produced 816 desktop computers. The factory put all the deskto computers into boxes. How many desktop computers could be in each box if they all have the same number of articles?	
	<b>☑</b> 6	
	To solve this, let's pick a number from above that can divide 816 without a remainded by applying the divisibility rules.  After applying the divisibility rules on all the digits, you'll see that the rule applies on to 6  That is 816 is divisible by both 2 and 3 which is also divisible by 6	221
b.	Bob owns a phone shop in town. He just recieved a shipment of 432 new phones.  There are the same number of phones with different colors. How many colors could there be?	
	5 10 9 7	
	To solve this, let's pick a number from above that can divide 432 without a remainded by applying the divisibility rules.  After applying the divisibility rules on all the digits, you'll see that the rule applies on to 9  That is the sum of the digits in 432 is divisible by 9  4 + 3 + 2 = 9	
c.	Berry has a huge collection of marbles. There are 34, 970 marbles packed in bags in her father's garage. Each bag contains the same number of marbles. How many bag of marbles could there be?	
	7 12 11 10	
-		-