

Name:

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The m	aths te	acher	choc	sed	only	/ th	e st	tud	ent	s sit	tin	g o	n th	ne f	ront	: be	encl	n to	ра	rtici	pa	e in
school	maths	com	oetiti	on. Is	thi	s a	ran	dor	n sa	amp	ole	of t	he	stu	den	ts i	n th	ne n	nath	nem	ati	CS
compe	etition?																1		¥	1		
	☐ Ye	•				N											6				0	
																		7				
Withou	ut looki	ng, Er	milia	picke	ed o	ut :	2 re	d a	ppl	es f	ror	n a	bag	g of	dif	fer	ent	col	our	s of	ар	ples.
Is this	sample	of th	e apr	oles i	n th	e b	ag	like	ly t	o b	e bi	iase	ed?									
	Yes					No																
	163	,				INC																
Peter is	s the h	eadma	aster	of a	cor	nm	uni	ty e	len	nen	tary	y sc	hoc	ol. F	le c	arr	ied	out	as	urv	еу	on
how pu	ıpils st	udy at	hom	ne. H	e qu	est	ion	ed	31 c	f th	nis	pup	ils i	at s	chc	ol.						
Is this	sample	of the	e pur	oils a	t the	cc	mr	nur	ity	ele	me	nta	ry s	cho	oll	ike	ly to	b be	e ba	aise	d?	
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	Yes	names				gu	es a										žΜ (5 na	ıme	s ol	ut c	of the
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Class:



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mathskills4kids

Name:

Identify rep	resentative, random, and biased samples	
The maths teacher choos	ed only the students sitting on the front bench to participa	te in a
school maths competitio	n. Is this a random sample of the students in the mathemat	CS
competition?		
Yes	☑ No	
165		
Without looking, Emilia p	icked out 2 red apples from a bag of different colours of ap	ples.
Is this sample of the appl	es in the bag likely to be biased?	
Yes	No	
	f a community elementary school. He carried out a survey	on
how pupils study at home	He questioned 31 of this pupils at school.	
Is this sample of the pupi	s at the community elementary school likely to be baised?	
Yes	□ No	
D		
	airs of shoes from each store at the mall. Each store had an	equa
number of pairs of shoes.	Is this sample of pairs of shoes likely to be biased?	
Yes	No	
Dora put the names of he	r collegeurs at work in a boy. Then, she draw E names out	of the
	r colleagues at work in a box. Then, she drew 5 names out	or the
pox. Is this a random sam	ple of the colleagues in her work place?	
✓ Yes	□ No	
Yes	No No	