

	Name:	Class:
	Identify independent	and dependent variables
1.	Adam is a Scientist. He studies the impa	
	a = administration of the drug - the dos	sage and the timing.
	d = the impact the drug has on cancer. Which of the variables is dependent and	t which is independent 2
	Which of the variables is dependent and	a which is independent?
	d is the independent variable and	a is the dependent variable
	a is the independent variable and	d is the dependent variable
2.	Lilian works in a papertowel company S	the has been assigned the task to compare
	brands of paper towels to see which ho	
	b = brand of paper towel.	
	a = the amount of liquid absorbed by a	paper towel.
	Which of the variables is dependent and	d which is independent?
	a is the dependent variable and b	is the independent variable
	a is the independent variable and	h is the dependent variable
	a is the macpendent variable and	S IS the dependent variable
3.	Vivian is a baker. She calculates the cost	of an iced vanila cake according to its weight
	c = the cakes's cost	
	t = the cake's weight	
	Which of the variables is dependent and	d which is independent?
	t is the dependent variable and c	is the independent variable
	t is the independent variable and	c is the dependent variable
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		Iden						Class:													
			rtity	inde	pende	ent	an	id (dep	oer	nde	ent	val	riab	les.)—	
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1. Adam is	s a Sc	ientis	t. He	stud	ies the	imı	oac	t o	f a	dru	ıg (on d	anc	er.			1		7	7	
a = adr	minist	ratior	n of th	ne dr	ug - th	e d	osa	ge	an	d tl	ne	tim	ng.								
d = the	impa	act th	e dru	g has	on ca	nce	r.														
Which	of the	varia	bles	is de	oendei	nt a	nd	wh	ich	is	ind	epe	nde	nt?							
U d is	the II	ndep	ende	nt va	ariable	an	id a) IS	th	e d	ер	end	deni	var	riab	le					
V 2 is	the ir	adan	anda	n+ \	riable	20	۵.	J :c	+h	۰ d	0.0	000	doni	- 1/2/	ciah	١٥					
✓ a is	the ir	шер	enae	IIL Vc	ariable	an	a c	צו ג	LIT	e a	ер	enc	aem	. Var	Iab	ie					
2. Lilian w	orks i	nan	apert	owel	comp	anv	Sh	e h	as	he	≏n	assi	ane	d th	e ta	sk	to d	con	nna	re	
brands														O. C.							
b = bra																					
a = the					sorbec	by	a p	рар	er :	tow	/el										
Which			1										nde	nt?							
✓ a is	the d	leper	ndent	vari	able a	nd	b i	s tł	ne	ind	ер	end	dent	var	riab	le					
u a is	the ir	ndep	ende	nt va	ariable	an	d k) is	th	e d	ер	end	dent	var	riab	le					
9			.,				1				1					11					1 .
3. Vivian is				icula	ites the	e cc	st (ot a	n ı	cec	l Va	anıla	cal	ke a	ccor	dır	ng t	0 1	ts w	/eig	ght
c = the																					
t = the			_				- al	طبي	ab		ام ما		- d -	n+ 2							
Which o	or the	Varia	ibles	is det	bender	IL d	na	WH	ich	IS I	na	epe	nae	nt ?							
T t is	the d	enen	dent	vari	able a	nd	c is	th	ρi	nde	2ne	enc	ent	var	iabl	۵					
C (S	circ d	СРСП	Ident	vari	abic a	IIG	CIS		CI	iidi	C D (CITE	vai	Idol						
▼ t is t	the ir	ndepe	ende	nt va	riable	an	d c	is	the	e de	epe	eno	ent	var	iabl	e					
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