GMAT QUANT PRACTICE PAPER

GMAT DATA SUFFICIENCY

1. Find the area of a right angle triangle whose base is 12 inches.

.1.Tl	he		hypotenuse		is	S		13		inches.
2.	The	perpendicula			he triangle	is	one le	ss than	half its	base.
ි aske		ent (1) ALON	IE is sufficie	nt, but	statement (2	2) alone	e is not suf	fficient to	answer the o	question
C aske	Statem	ent (2) ALON	IE is sufficie	nt, but	statement (1	.) alone	e is not suf	fficient to	answer the o	question
	BOTH :	statements (2 ALONE	1) and (2) TO is	OGETHE suffici			answer the	e questior the	asked, but I	NEITHER ask
0	EACH	statement	ALONE	is	sufficient	to	answer	the	question	asked.
	specifi 	ents (1) and c to the prob the number	lem are nee	ded.			nswer the	question a	asked, and ad prime	dditional factor.
C aske	Statem	number is posi		nt, but	statement (2	?) alone	e is not suf	fficient to	answer the o	question
ි aske		ent (2) ALON	IE is sufficie	nt, but	statement (1	L) alone	e is not suf	fficient to	answer the o	question
ි stat	BOTH :	statements (2 ALONE	1) and (2) TO is	OGETHE suffici			answer the	e questior the	asked, but I question	NEITHER ask
О	EACH	statement	ALONE	is	sufficient	to	answer	the	question	asked.
O data		ents (1) and c to the prob			NOT sufficier	nt to ai	nswer the	question a	asked, and ad	dditional

aske		ent (1) ALONE	is sufficier	nt, but s	statement (2) alone	is not su	fficient to	answer t	he questi
o aske		ent (2) ALONE	is sufficier	nt, but s	statement (1) alone	is not su	fficient to	o answer t	he questi
	BOTH st ement	atements (1) a	and (2) TC is	OGETHEI suffici			nswer the	e questio the	n asked, l questi	
0	EACH	statement	ALONE	is	sufficient	to	answer	the	questic	n aske
		to the probler								
•	4. Find	d the equation	n of a lin	ie.						
1.	Its	·	on of a lin		ntercept	is	2	and	-2	respective
1. 2. Th	Its ne slope (Stateme	x ar	nd y	ir						·
1. 2. Th O aske	Its ne slope o Stateme	x ar of the line is 1.	nd y is sufficier	ir nt, but s	statement (2) alone	is not su	fficient to	o answer t	he questi
1. 2. Th	Its ne slope of Statement d. Statement d.	x ar of the line is 1. ent (1) ALONE	nd y is sufficier is sufficier	ir nt, but s	statement (2 statement (1 R are sufficie) alone) alone ent to a	is not sur	fficient to	o answer t o answer t	he questi he questi out NEITH
1. 2. Th C aske C aske C	Its ne slope of Statement d. Statement d. BOTH st	x ar of the line is 1. ent (1) ALONE ent (2) ALONE	nd y is sufficier is sufficier and (2) TC	ir nt, but s nt, but s	statement (2 statement (1 R are sufficie) alone) alone ent to a	is not sur	fficient to fficient to e questio	o answer t o answer t on asked, b	the questi the questi out NEITH on a

2. T	he polygoi	n is a regular h		interior	angle	ιο	tile ex	rienoi	angle i	5 2.1.
O ask	ed.	nt (1) ALONE								
ask				·	·	•				
c stat	BOTH sta	atements (1) a	and (2) TO is	GETHEI sufficie			nswer the Iswer	question the	n asked, but question	NEITHER ask
0	EACH	statement	ALONE	is	sufficient	to	answer	the	question	asked.
data		nts (1) and (2) to the probler			IOT sufficier	nt to ans	swer the q	uestion	asked, and a	dditional
	6. Find	out if t < 0.								
	1. t > t 2. t ² > 0									
C ask		nt (1) ALONE	is sufficier	nt, but s	tatement (2) alone i	is not suff	icient to	answer the	question
ask		nt (2) ALONE	is sufficier	nt, but s	tatement (1) alone i	is not suff	icient to	answer the	question
o stat	BOTH sta	atements (1) a	and (2) TO is	GETHEI sufficie			nswer the iswer	question the	n asked, but question	NEITHER ask
\circ	EACH	statement	ALONE	is	sufficient	to	answer	the	question	asked.
0	Stateme	nts (1) and (2)) TOGETHE	ER are N	IOT sufficier	nt to ans	wer the a	uestion	asked, and a	dditional

7. Determine the value of t.

data specific to the problem are needed.

1. 2t + 6s = 8

asked.

O ask	Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient to answer the questioned.
o ask	Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient to answer the questioned.
o stat	BOTH statements (1) and (2) TOGETHER are sufficient to answer the question asked, but NEITHE tement ALONE is sufficient to answer the question as
0	EACH statement ALONE is sufficient to answer the question asked
O dat	Statements (1) and (2) TOGETHER are NOT sufficient to answer the question asked, and additional specific to the problem are needed.
	 8. Find the percentage change in the volume of cylinder. 1. The diameter is increased by 20% 2. The height is increased by 21%.
ask ask	Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient to answer the question
o stat	BOTH statements (1) and (2) TOGETHER are sufficient to answer the question asked, but NEITHE tement ALONE is sufficient to answer the question as
0	EACH statement ALONE is sufficient to answer the question asked
O dat	Statements (1) and (2) TOGETHER are NOT sufficient to answer the question asked, and additionate specific to the problem are needed.
	 9. a < b. Is a positive? 1. b = 0. 2. √a < a
Cask	Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient to answer the questioned.

Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient to answer the question

ः sta	BOTH stement	statements (1) ALONE	and (2) TC	GETHE suffici			answer the answer	question the	n asked, but question	NEITHER ask
0	EACH	statement	ALONE	is	sufficient	to	answer	the	question	asked.
0	Statem	ents (1) and (2) TOGETHI	R are	NOT sufficie	nt to aı	nswer the d	question a	asked, and a	dditional
dat	a specifi	c to the probler	n are need	led.						
	10. De	termine the e	quation o	of the o	circle pass	ing th	rough (-4,	-2).		
1. 2. T	⁻ he cente	(1,-1) er of the circle is	the origin.	lies		in		the		circle.
ි ask	Statem ed.	ent (1) ALONE	is sufficier	nt, but	statement (2	2) alone	e is not suff	ficient to	answer the	question
0		ent (2) ALONE	is sufficier	nt, but	statement (1	L) alone	e is not suff	ficient to	answer the	question
_	BOTH stement	statements (1) ALONE	and (2) TC is	GETHE suffici			answer the answer	questior the	n asked, but question	NEITHER ask
0	EACH	statement	ALONE	is	sufficient	to	answer	the	question	asked.
ි dat		ents (1) and (2 c to the probler			NOT sufficie	nt to ai	nswer the o	question a	asked, and a	dditional
			GMA	T PI	ROBLEI	VI S	OLVIN	G		
		acecar driver race remains		plete	d 12 1/2 la _l	s of a	50 lap ra	ce. Wha	t fractional	part of
0	1/4									
0	1/5									
0	3/4									
0	4/5									
0	75/2									
		// is the set o			-					ositive

0	0
0	8

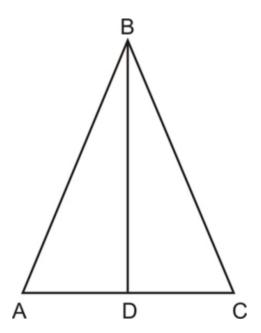
3. At Bruno's Video World, the regular price for a DVD is d dollars. How many DVDs can be purchased for x dollars when the DVDs are on sale at 20% off the regular price?

4. Please answer the following math question:

If $x \neq 2y$, then

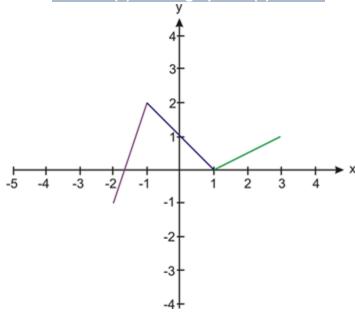
$$\tfrac{x-2y}{2y-x} + \tfrac{2y-x}{x-2y} =$$

	5.	If Dave drove one-third of the distance of his trip on the first day, and 60 miles on the second day, he figured out that he still had 1/2 of the trip to drive. What was the total length, in miles, of his trip?
O	360	n
Ö	180	
Ö	120	
O	60	
Ö	90	
	6.	Please answer the following math question:
	If x ²	$y^2 = 48$, the $2/3(x+y)(x-y) =$
	0	16
	0	72
	0	96
	0	32
	0	64
	7.	Eddie is 7 years older than Brian. If Brian is x years old, then how old was Eddie 11 years ago?
0	x	- 18
0	Х	- 4
0	х	- 7
0	7x	- 11
0	x +	18
	8.	Find the perimeter of Isosceles triangle ABC (below) if mAD = 3 and m < BAC = 55 degrees. Round to the nearest hundredth.



- ° 5.21
- 10.42
- 13.48
- 16.46
- ° 13.39

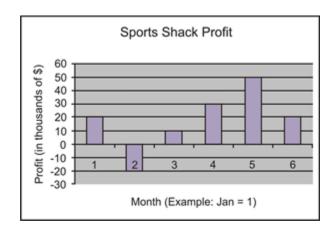
9. What is f(2) for the graph of f(x) below?



- O 1
- C _{1/2}
- 0
- ດ ₂
- -1

10.

According to the graph below, the greatest change in the profit of the Sports Shack occurred between which two consecutive months?



0	January	and	February
0	February	and	March
0	March	and	April
0	April	and	May

May and June