Andrew SAT #5 ② 7/5/07

#18 TIP: Variable(s) in answer choices → plug in for those variables.

TIPS for PLUGGING IN

① ~~#s already in problem~~

x, n, z

x = 15

z = 5

n = 3

INPUT

A

B

C

15 + 10 + 10 = 35

output

#19 Circle proportionality equation: A

$$\frac{\text{area slice}}{\pi r^2} = \frac{\text{inter} \angle}{360} = \frac{\text{arc}}{2\pi r}$$

(2 at a time)

(see book)

#20 Notice that x is in all the answer choices, so plug in for x. Read the problem carefully.

n = 50

women = 75 + 50 = 125

$\%\ \text{men} = \frac{50}{175} \times 100 = 28\%$

careful

E, (not A)

#24 D) too strong. universally, every

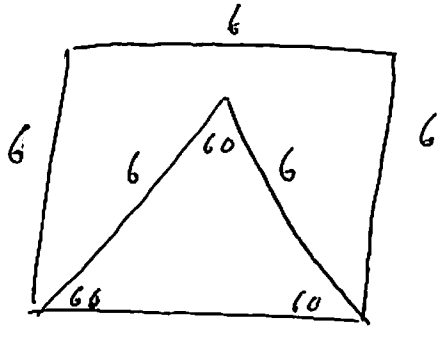
A

Sec 3 Math p.459 | 13, 14, 17, 18, 19, 20

#13 median = middle # (not average)

E

#14



see the 60/60/60

D

#17 The goal of a "funny symbol problem" is to remove the funny symbols one at a time. Be vertical.

$$a \uparrow b = \frac{a+b}{a-b}$$

$$1 \uparrow 2 = \frac{1+2}{1-2} = \frac{3}{-1} = -3$$

$$2 \uparrow x = \frac{2+x}{2-x} = \frac{-3}{1}$$

$2+x = -3(2-x)$

$2+x = -6+3x$

$8 = 2x$

$4 = x$

#10 A) virually impossible = too strong

? B) lines 22-24

always use "middle symbols"

#11 A) ~~rously equal~~ roughly

B) outperform

C) less intellisent

D)

TIP: Pay particular attention to the ends of questions, beginnings of answers.

A) less complicated

B) relisious

C) contrast

#13 "is used to" ⇒ "is an example of"

answer ~~is not~~ how much has changed.

E)

#16 TIP: "refers to" questions usually require you to read beforehand.

A) ? anthropology = study of humans, fallacy = false idea.

B) classic decoy

C)

D)

E)

4
2
points here ①
3
5 etc.

A B

A B

Prob: 1/5, 1/4, 1/3, 1/2

A)
B)
C)
D)
E)

Scoring System (Raw Score)

✓ ⇒ +1

✗ ⇒ −1/4

∅ ⇒ 0.

question #	①	②	③	④	⑤	
response	+1	−1/4	−1/4	−1/4	+1/4	= 0
				↳		= +1/4
			↳			= +1/2
		↳				= +3/4

Limited Amounts of:

- Points
- Time

① Tip: If you can eliminate at least one answer choice, guess.

② Also, realize that guessing does not hurt your score:

③ But, what does hurt your score is spending time on the wrong types of problems!