



GAT 21 January 2018



Audience : theater



Answer

Scholars: library

$10a + 10b = 35$ what is the Average (AM)
of "a" & "b"?

Answer

$$10(a+b)=35$$


$$a+b=35/10$$

$$a+b=3.5$$

Now for avg there must be a two in denominator so div by 2 on both sides...

$$(a+b)/2=3.5/2$$

$$=1.75$$


$$7x+3y=3$$

$$3x+7y= 7$$

Find X:Y?


$$1 - \cos \theta / \sin \theta = ?$$

$1/x - 1/y = 1/z$ then $z = ?$

Answer

$$z = xy/(y-x)$$




Find GCD of 24, 120 n 240?



Answer

24



product of three numbers is 300 one of them is 5 at least other two numbers are?

Salary increased from 25000 to 27500
What is the % increase?



Answer

10%



Antonyms of Flux:



What number of 25 is 5



Answer

20%


$$\cos a \cdot \cot a \cdot \sin a$$

Answer

$\cos^2 \theta$



Antonyms
Concord
Loath




2 is 10% ?



Answer

20


$$(X+y)^3=?$$

$$\text{When } (x^2+2xy+y^2)=25$$



Answer


125

If $a+b=3(c+d)$ then what is the average of a,b,c,d ?

Answer

C+d


$$\sin \theta / (1 + \cot \theta) + \cos \theta / (1 + \tan \theta) = ?$$



antonym of
concord
degenerate
innocent
flux
testy
homage
loath

