Rough Work Sheet Sample

Mention your name and candidate ID in all the rough sheets.

Please place your ID anywhere within the camera frame.

Note: your rough works should not be hidden.

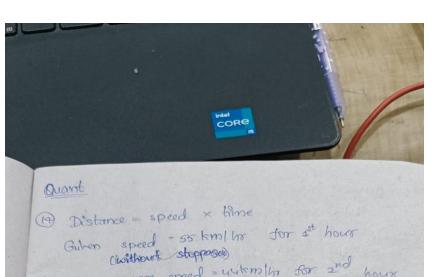
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average speed = 44km/hr for 2nd hours

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but actual speed = 55 km/hr

In 2nd hours, the bus moving with 55 km/h

but due to some stoppages it is 44km/h

. so Time = Distance sped

= 44 hours

= 0.8 × 6010

= 48 minules

Time = 48 minutes.

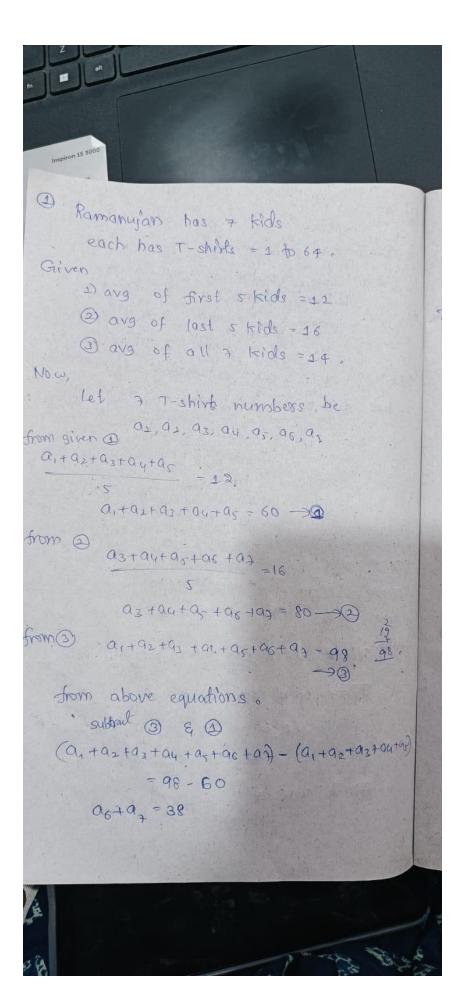
Now, Time spent on moving = 48 minutes.

Time spent for stop

= 60-42

= 12 minutes

Final answer = 12 minutes





Now subtract 3 & 2 (a,+a2+a3+a4+a5+a6+a4)-(a3+a4+a5+a6+a4) = 98-80

a, + a2 = 18.

Then $a_1+a_2=18$ $a_6+a_3=38$

place above in a

a, +a2 + a2 + a4 + a5 + ax+ agos 60

19 + 03 + 04+ 05+ 20 = 60

03+04+05+ 26 = 60

a3+a4+a5 = 42 ...

Now, try values of a, 202 sum to 18.

let smallest possible as:

Try a = 4 then a = 14

a, = 6 this 0=12

a= 3 then a=11

80, 0,=6.

a2=12

03 + 04 + 05 = 42

lets by 03=13, 04=14, 05750 (42)

a6=18, a3=20 (38)



Then 6+12+13+14+15+18+20=98

check conditions

and of that
$$5 = \frac{6+12+13+14+15}{5} = \frac{60}{5} = 12$$

$$7 = \frac{98}{7} = 14$$

Now that answer is 6 (for first kid)
T-shirt number)

2 A X + A

1 d us assume hyptoneus=x+1 other side = x.

using pythogoss theorem.

$$(x+1)^2 = x^2 + y^2$$

$$\chi^2 + 1 + 2\chi = \chi^2 + \gamma^2$$

$$x = y^2 - 1$$



Now try by taking values.

y = 1.5 $x = \frac{15^2 + 1}{\lambda} = \frac{224}{\lambda} = 112$

x+1= 112+1=113

so sides 112,113,15- no match.

Try y=241

 $\chi = (241)^{\frac{2}{1}} = \frac{58081 - 1}{2} = \frac{58080}{2} = 290$

Now 22 + 42

(29040a) + (241)2

843350640-25+58081

= 843350640-25

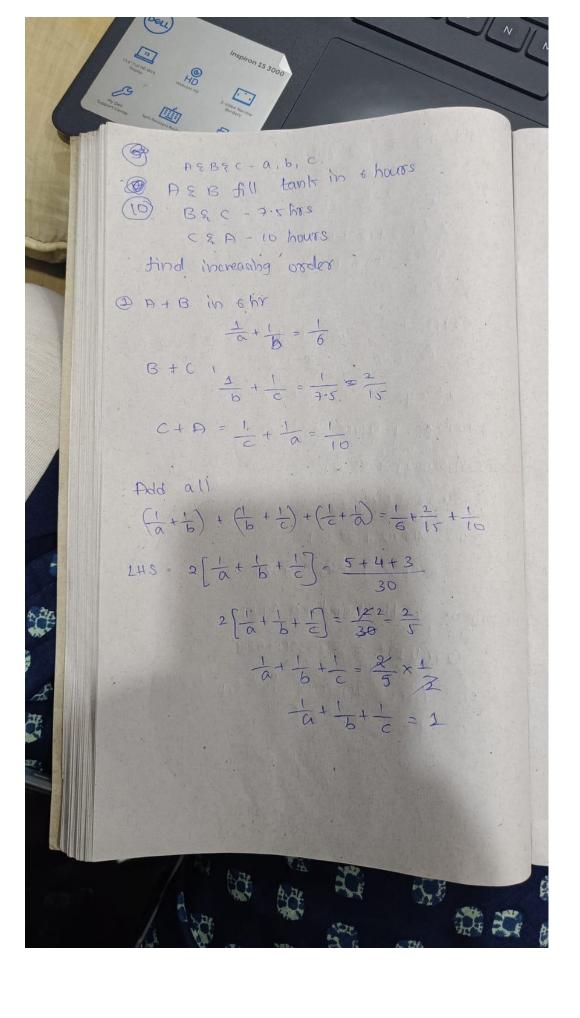
843324600 + 98081

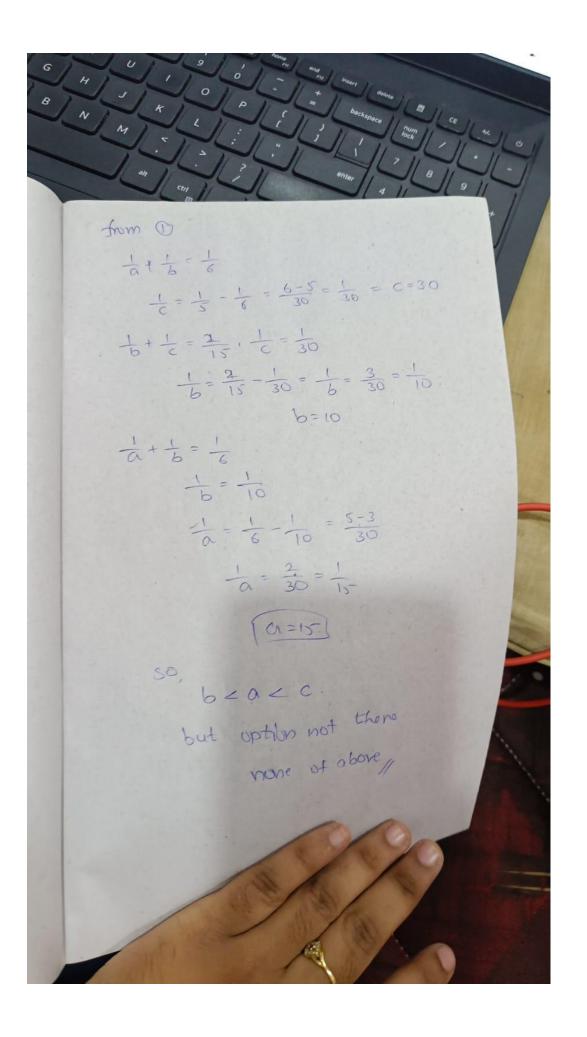
843321 8433309681

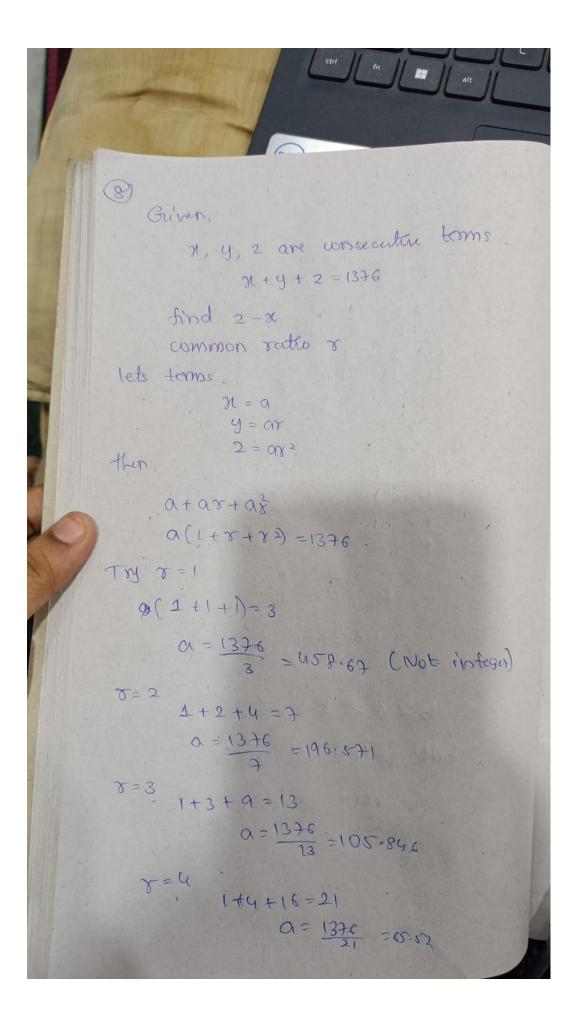
compare with hypotenus square

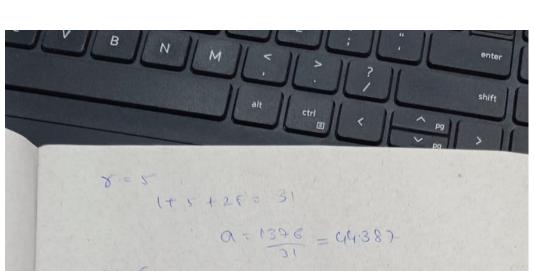
(29041)2 = 8433309681

so tinal answer is 241









$$8=6$$
 $1+6+36=43$
 $0=\frac{13+6}{43}=32$ (Integer)

SD,
$$\alpha = 32$$
, $r = 6$
 $x = \alpha = 32$
 $y = \alpha r = 192$
 $z = \alpha r^2 = 1152$

check 32+192+1152 = 1376

Now, 2-x = 1152-32 = 1120

