moderns on Halsen's

trains. 20 to at landor

distance speedx

Time

T= DIS

S-D/Z

1) 2 mams length 126m and 119m towards each other operal is 12m1s and 23m1s. 7mm needed to the trams to cooss each other?

gime = distance

As from A fine to asm

126+117

12+2).

= 245 = 75

C200M3

2) Train passes pole to eseconds. Train roosses bridge in 28 seconds, length and speed of Fram?

S-DIT.

- 8018

= Jom1s

$$\frac{D}{T} = \frac{D}{T}$$

8 = 200+ P

14001 480

28D= 1600 +8D.

D- 80m

3) Tram length 150m passes a platterm of 350m length m so seconds. Time suggested to pan from lenght?

> distance length of man + length of plat toom.

7232

4) MI and N aou 276 kms apart. A trans from M and other from N commy towards each other. meet after 12 hours. Thram from M ton is slower by 14km/m. speed of slower tram?

MYONA =

QUI: 1/20 XI - 0 5)

12 10 276 km s 0 N 1091 8 1000 A 1000 M 1001 (d

John milmolar D1+D2=276 600 0008 600 0008 10

12n + (n+14) 12=271.

1xm + 1xm (n+4) = 296 23

201414= 23.

n=912

= 4.5km/hr.

D room p and of from stooth moving towards
each other speeds are 12 ukm/hr and 100km/hr.
when two trains meet each other, one train
has covered yokm more than other train. Find
distance between p and or?

1 hr = T1 = 120km J=20.

T2=100km

2 hour = T1 = 240 J=40km s.

T2 = 280.

or Mundal

b) Two trains A and B leaves Kolkata and sikkim at 8.00pm and 8.30pm and such at 90km/hr and 120km/hr. At what distance two trains will meet?

= 440km

Rollicate 374km 71 8.00Rollicate 374km 72 120km/m 5x72 5x7 120km/m 8.30pm 90x7 = 120x(T-0.5) 3 4 77 37 = 47 - 2 37 = 2hm

Bum/hr and loken/hr to the same direction as train the from completely passes them to 365 and you length of train-?

SIXTI = 52XT2 (S-5) X 36 (secondo N = (S-16) X 40 60 x 60.

5/8 95-722 105-161.

5 = 88 km/hr

sub value ofs:

= (88-16) × 40 = (88-16) × 40 = 72 × 40 500× 64 305 = 415= 0.8 km = \$00m

8) with stoppage, the speed of tram B 36km/mm however without stoppage Pt is yokm/hr. And out how many minutes does the tram stop [hom?

mour

36)cm/hr J_{qkm} .

To D/s

yokm/hr p_0 . p_0 .

p and q moving in same direction, equal lengths and ross pode mos and bs. In how much time would they cross each other? do leight of trame,

S= D/T S1= 45 ETY18 = TYP x(a1-2) S2=416:000 (08 x (2-2) (Why hour)

oulater speed c movins tram 2 - 88 km (102

> 7= D speed) SUB value of s. 2L 22 × (01.88) = 2KX 30

with stopping, the speed of toam is solemmer

from end ingrent spablish it is through they only , every days may his most his prous mon

- milp!

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