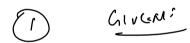
P B

$$(Q = \frac{1}{3} BC)$$



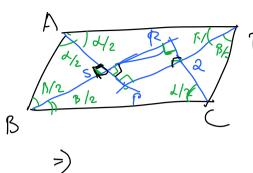
$$AD = BC$$

$$\frac{1}{3}AD = \frac{1}{3}BC$$



hiargles;

14 EMCG ARCP is parallegran

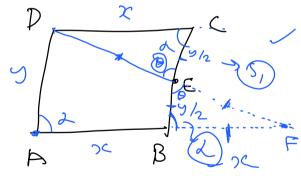


BRCFRt-onle frim

APQ =) Rtiogle trisk

L+B= (80

✓ ABCD → parallelos ran



AF=2AB

EBF~ DEC

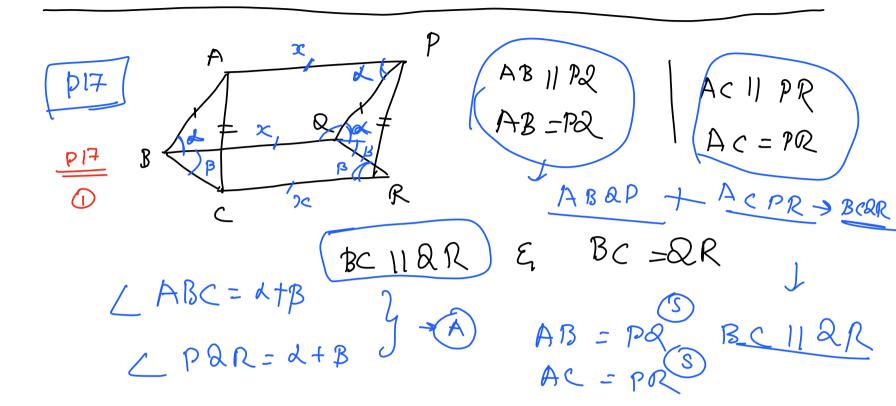
AG= AB+BF

$$= 2c + r$$

$$Ac = 2r$$

$$ASS(A) - 32$$

LI + 2)



$$\frac{AE}{EB} = \frac{2}{3} = \frac{PG}{GB} = \frac{AE}{AE}$$

inferred

EG 11 1x

$$\frac{2}{3} \frac{\sqrt{1+26} \cdot 2}{\sqrt{1+26} \cdot 2} \frac{\sqrt{1+26} \cdot 2}{\sqrt{1+26} \cdot 2} = \frac{\sqrt{1+26} \cdot 2}{\sqrt{1+26} \cdot 2}$$

$$2x_{2} = 3x_{1}$$

$$2x_{2} = 3x_{1}$$

$$2x_{2} = 3x_{1}$$

$$x_{1} = \frac{3}{2}x_{1}$$

$$x_{1} + \frac{3}{2}x_{1} = 15$$

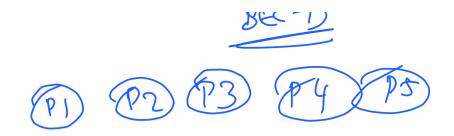
$$\chi_{1}\left(1+\frac{3}{2}\right)=15$$

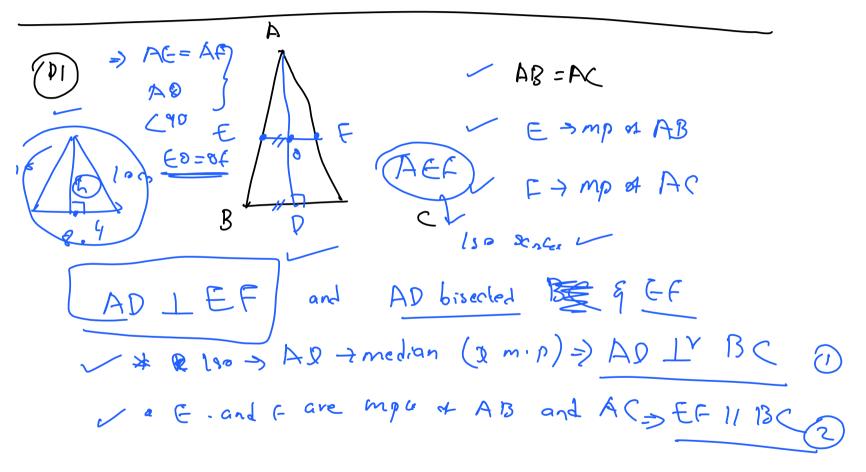
$$\chi_{1}\left(\frac{2+3}{2}\right)=15$$

$$x_1 = 2 \times 183$$
 $x_1 = 6$
 $x_2 = 15 - 6$
 $= 9$

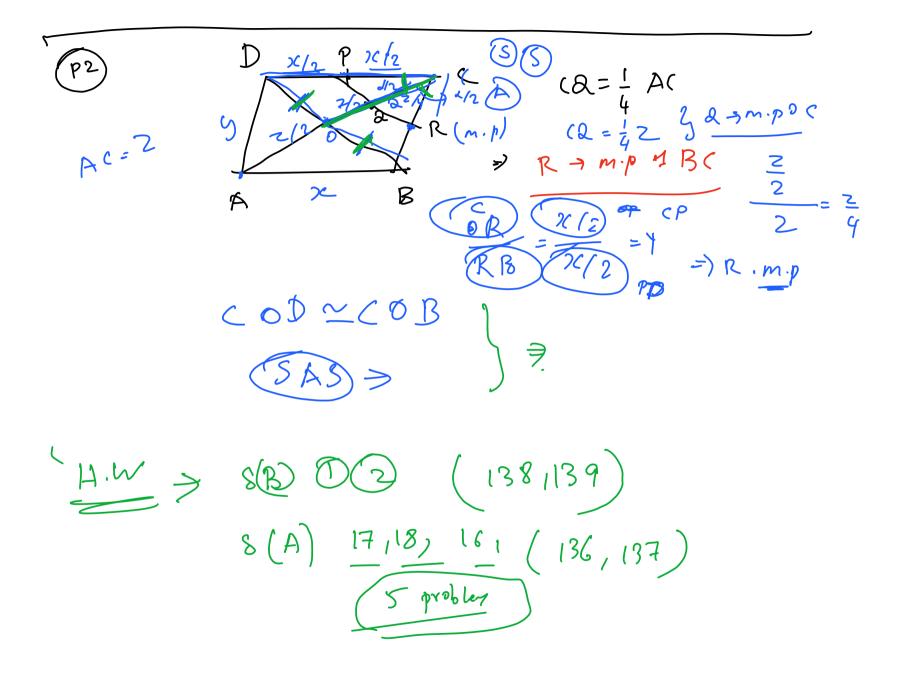
$$x_2 - x_1 = 9 - 6$$

$$= 3 cm$$





ADT EF



nert-class > pg: 139 onwards.