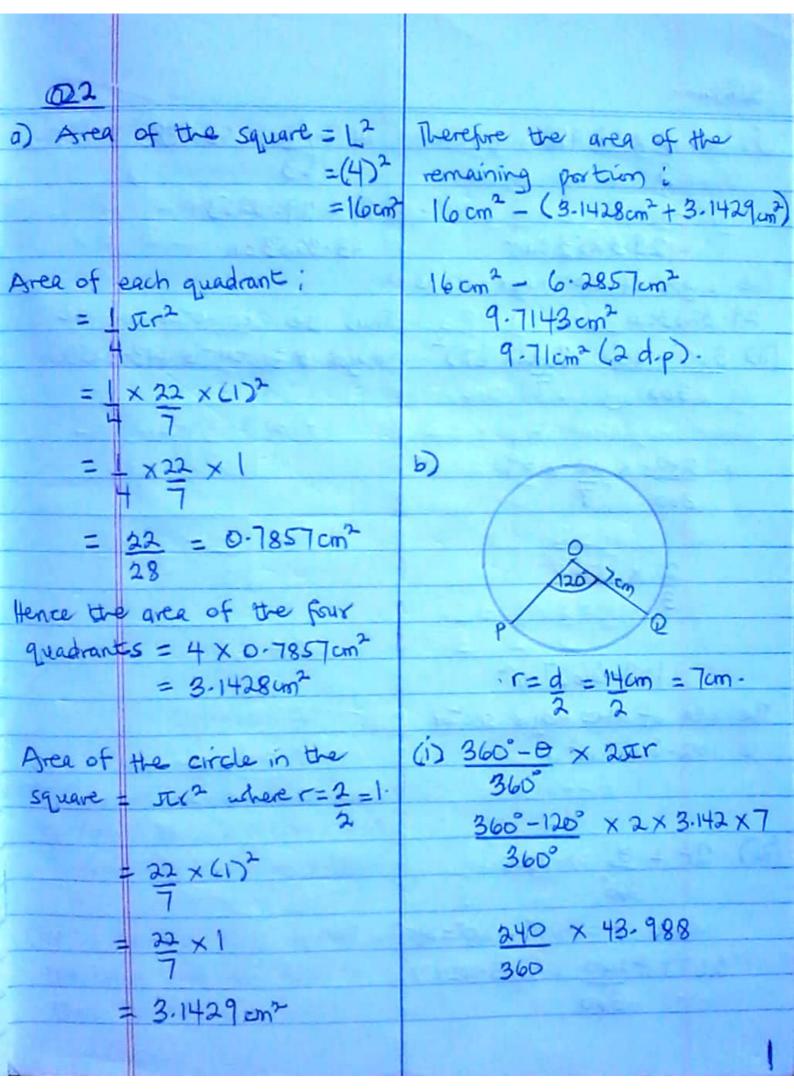
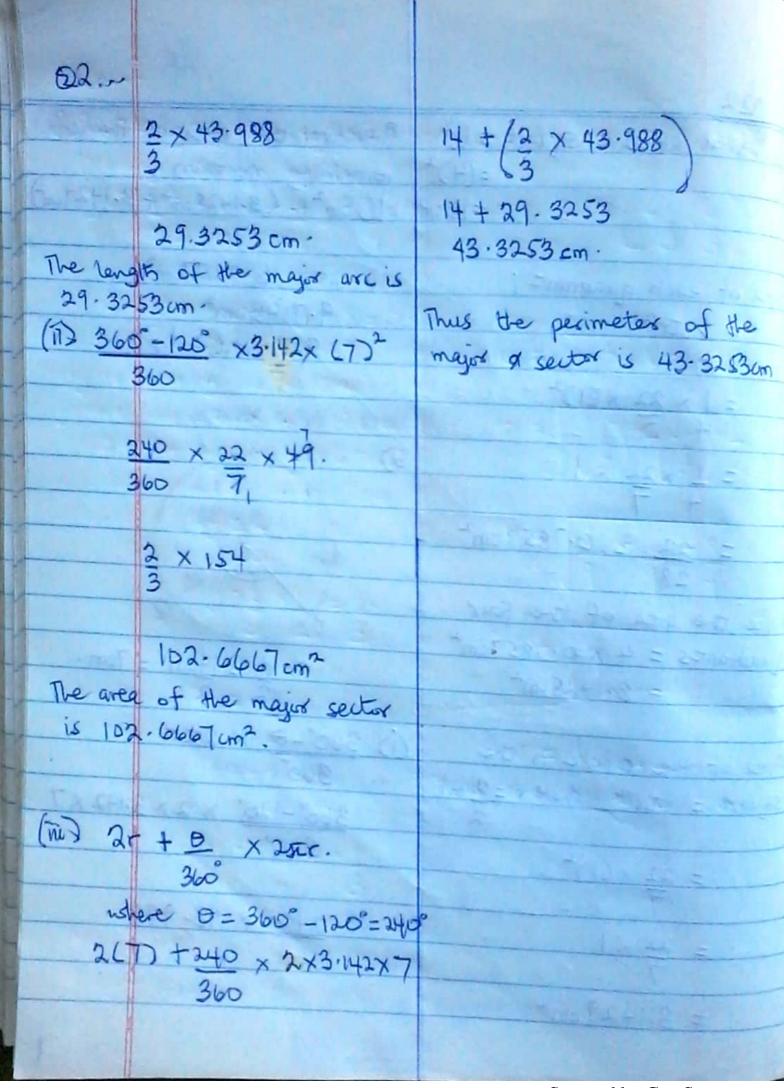
Q1a) Area of the gold band = $5Lr^2$ where r = diameter = 21 = 10-5 cmA= 22 × (10-5)2 A = 22 × 110-25 A=346 5cm2. of the Red = 10.5cm + 10.5cm = 21cm. Radius of the Blue = alon + 10.5cm = 31.5cm Radius of the Black = 31.5cm + 10.5cm = 42 cm Radius of the White = 42cm + 10.5cm = 52.5cm. Radies Hence: = Area of the red region = Area of the red circle from the center - Area of the gold. $= \left(\frac{22 \times (21)^2}{9}\right) - \left(\frac{346.5 \text{ cm}^2}{9}\right)$ = (22 x 441) - (346, 5cm²) $= 1386 \text{cm}^2 - 346.5 \text{cm}^2$ $= 1,039.5 \text{cm}^2$

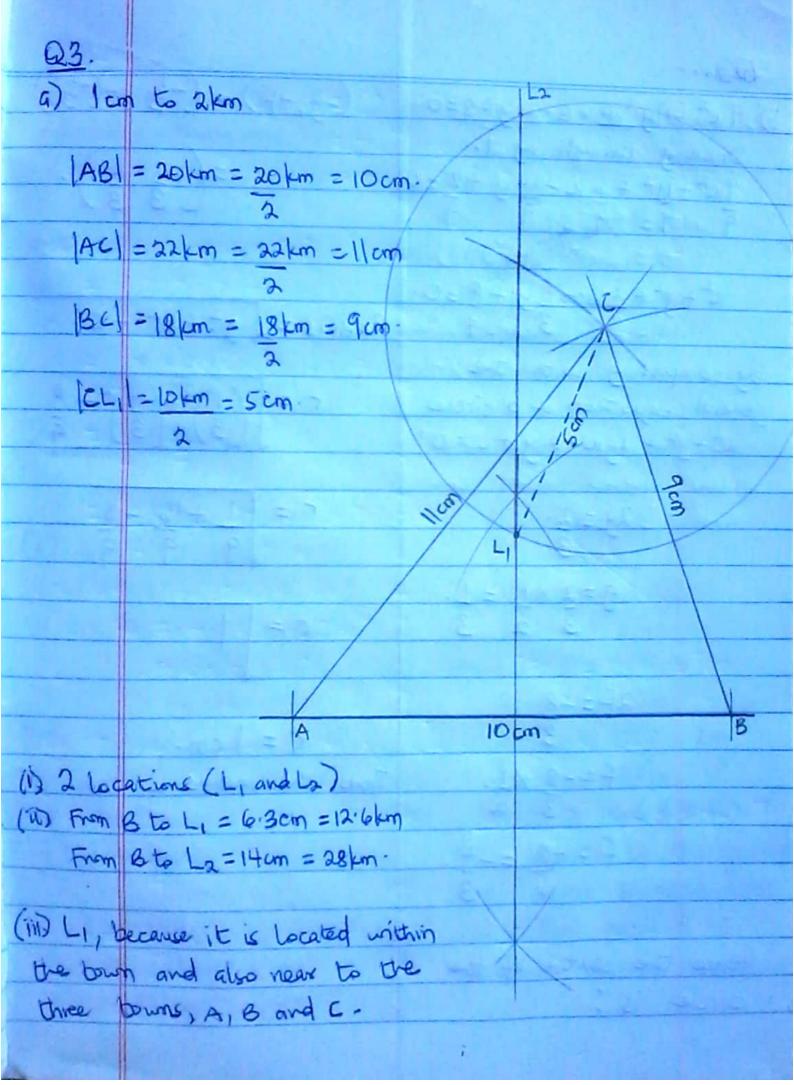
Also; Area of the Blue scoring region = Area of the
blue circle from the centre - A rea of the red circle
from the centre.
= (22 × (31.5)2) - (22 × (21)2)
1 h2 nca nc) [22 1111]
$= \left(\frac{22}{7} \times 992.25\right) - \left(\frac{22}{7} \times 441\right)$
= 3,118.5cm² - 1386cm²
1720 Car
$= 1732.5 \text{cm}^2$
Area of the Black scoring region = Area of the
black circle from the centrer - Area of the Blue circle from the center.
$= \left(\frac{22 \times (42)^2}{7}\right) - \left(\frac{22 \times (31-5)^2}{7}\right).$
57) (7
= (22 x 17/11) / 22 , ggn nd
$= \left(\frac{32}{7} \times 1764\right) - \left(\frac{22}{7} \times 992.25\right)$
= 5,544cm² - 3,118,5cm²
$= 2425.5 \text{ cm}^2$

Area of the white scoring region = Area of the white circle from the center - Area of the Black circle. $= \left(\frac{22}{7} \times (52.5)^{2}\right) - \left(\frac{22}{7} \times (42)^{2}\right)$ = (22 × 2756.25) - (27 × 1764) = 8662-50m2 - 5544cm2 = 3,118-5cm2.

	The state of the s
b) 12(x+6)=5(y-2)	
12x + 72 = 5y -10.	
12-1 0-172 40-0	The Day of the State of the Sta
12 - 59 7 12 710 20	
$\frac{12x - 5y + 72 + 10 = 0}{12x - 5y + 82 = 0}$	195165 HENCE 36
	1 1 2 1 2 1 2 1 2 1
- Perpendiculas distance 2	
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where a=12, b=-5, c=82,	BURGET A POLY TO
x=-1, y=1.	
	CRESCO CONTRACTOR
= 12(-1)+(-5)(1)+(82)	
(12)2+(5)2	
7027 103)	
= -12-(+02	Continue to the second
= -12-5+82	ALTO STORY
2144 +25	
	The same of the sa
= 65 = 65 = Synite.	
$\frac{1}{\sqrt{169}} = \frac{65}{13} = \frac{5}{2}$ units.	STATE STATE STATE STATE
2001	
	SALWIS GUNDALIN
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63.	+9y2+6x-24y+8=0-	$(-9,-7)=(-\frac{1}{3},-(-\frac{1}{3}))$
9x2 9x2	ding through by 9. +912 + 6 x - 24 y +8 =0 9 9 9	$=\left(-\frac{1}{3},\frac{4}{3}\right).$
By co	$\frac{+y^2+2x-8y+8=0}{3}$ impasing with the	Radius = 1 g2 + f2 - c.
genera	equation of a circle $+y^2 + 2gx + 2fy + c = 0$; 2g = 2.	$r = \left[\frac{1}{3} \right]^{2} + \left(\frac{-4}{3} \right)^{2} - \frac{8}{9}$ $r = \left[\frac{1}{3} \right]^{2} + \left(\frac{-4}{3} \right)^{2} - \frac{8}{9}$
	3 $9 = 2 \times 1 = 1$ 3 3	$r = \frac{1 + 16 - 8}{9 + 9}$ $r = \frac{1}{9} + \frac{16}{9} - \frac{8}{9}$ $r = \frac{1}{9} + \frac{16}{9} - \frac{8}{9}$
	$2f = -8$ $f = -8 \times 1$ 3	Thus the radius is lom.
	$f = -\frac{8}{6} = -\frac{4}{3}$	MANUEL MENERAL DE LA COMPTE DEL COMPTE DE LA COMPTE DEL COMPTE DE LA COMPTE DE LA COMPTE DE LA COMPTE DE LA COMPTE DEL COMPTE DE LA COMPTE DEL COMPTE DE LA COMPTE DEL COMPTE DE LA COMPTE
Hence	the centre of the is:	The same of the sa

