$$(= \lambda \pi r = b \pi$$

$$(+ d = 4 \cdot b)$$

$$() Smill compon$$

$$(= \lambda \pi r = b \pi$$

Shaded = 12
$$\frac{12}{ar} = \frac{3}{7}$$

$$\frac{12}{40}$$

Sy)
$$\log_x \mathcal{E} = y$$
 log from $y = ?$

II

$$x = \mathcal{E}$$
exponential from
$$(?) \text{ result}$$

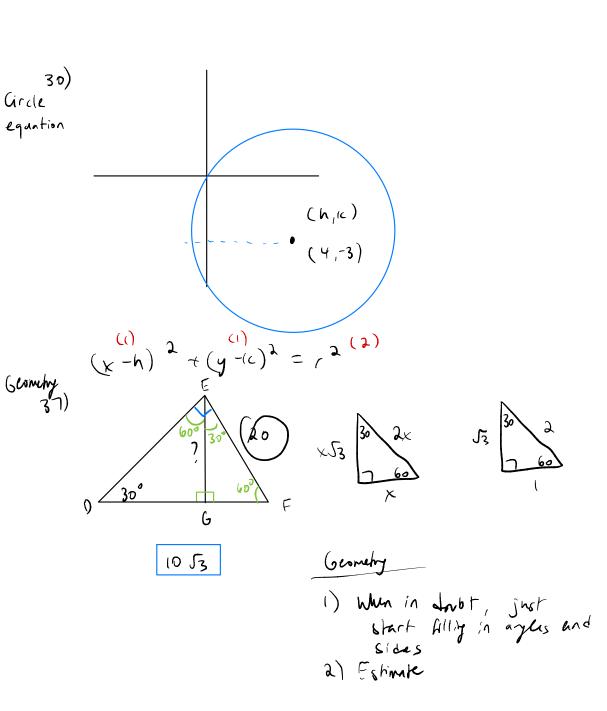
$$\log_x \mathcal{E} = y$$

$$2 = \mathcal{E}$$

$$2 = \mathcal{E}$$

$$3 = \mathcal{E}$$
base (?) power base result

S8) (an of cosines c2= a2+62 - 2abus C $a^2 = b^2 + c^2 - abc \cos A$ 152 = ws A cos(90°) $\omega_s(\frac{\pi}{2})$ 16 cars, 6 minimums 7 sedans 3 hatchbacks She choses 3, P(& rents 1 of each type }) Assuming She already pictured MU chase P(Eshe also chooses seden and then hatch such }) 15, 3 P((Mu, s, HB)) S, HB, MV 1 3 b Le . 7 . 3 . 3! = .125 = 9/40

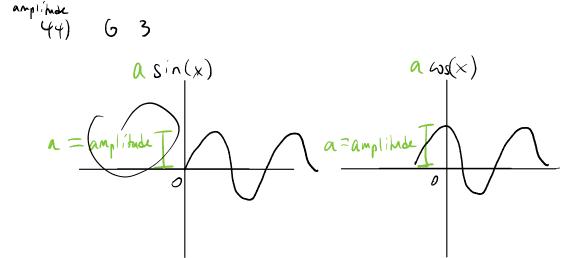


34)
$$\times \cdot 1.06$$
 '. 94! =

1.06 × = 18.55 / × is price Sefre

 $x = 18.55/1.06 = 17.5$

17.5 - 2 -6-3-4 = 2.5



general
$$y = a \sin(bx+c)+d$$

$$= a \sin(b(x+c))+d$$

protector 39) A = 36° C = 90° - 36° = 54°