YURE MATITS PAPER 1-1 ROSAT 2,34 etc (D) 3/2, 1 7/4 etc 3 22,33 etc. (2) T. C = C. P + VAT (2)40 = CIP + 10 CP. 40 = C.P + 0.1 CP = 1.1 CP $(...) = \frac{40}{1.1} = 36.36$ ⇒ VAT = 40-36.36 - £3.64 4X8-2 3 32 - 2 = 30子(元) (4) $=\frac{3(7-\sqrt{2})}{49-2}=\frac{21-3\sqrt{2}}{47}$ 4 P3 a2 (F) 272-67C++X-21 22-+21-21 $1(a)^{3}(2b)^{\circ} + 3a^{2}(2b) + 3a(2b)^{2} + 1(a)^{\circ}(2b)^{3}$ a3+6a2b+12a12+8b3

(8)
$$y(2x-5) = x+3$$

 $2yx-5y = x+3$
 $2yx-2y = x+3$
 $2x-2y = x+3$

 $\frac{1.09 - 2 \, d.p}{360^{\circ} - 2\pi \, rad}$ $\frac{2\pi \, rad}{2 \times 2\pi \, rad}$ $\pi = 2\pi \, (62) = 1.08 \, rad$

in +09 - 3.5.f

1.095 3 1.1.

1:1 - 2 s.f

(3)
$$0 = \frac{9\pi^{1}(0.6586)}{0 = 41.2}$$

 $0 = 41.2$
 $0 = 180 + 41.2 = 221.2^{\circ}$
 $0 = 360 - 41.2 = 318.8$

$$a^2 = 10^2 + 5^2 - 2(10)(5) \cos 120$$

= $125 + 50 = 175$
 $a = 13.23$

(14)

9

$$\frac{2x+4y=10}{-x-3y=4}$$

$$\frac{-x-3y=4}{-y=6}$$

$$y=6$$

$$y=6$$

$$y=6$$

$$x+4(6)=10$$

$$x=10-6=9.85$$