1) 9)
$$\sqrt{5}$$
 $\sqrt{20} - 4\sqrt{7}$ $\sqrt{7}$ $\sqrt{5}$ $\sqrt{2}$ $\sqrt{5}$ $\sqrt{2}$ $\sqrt{5}$ $\sqrt{7}$ $\sqrt{5}$ $\sqrt{2}$ $\sqrt{5}$ $\sqrt{7}$ $\sqrt{5}$ $\sqrt{2}$ $\sqrt{5}$ $\sqrt{7}$ $\sqrt{5}$ $\sqrt{7}$ $\sqrt{5}$ $\sqrt{7}$ $\sqrt{5}$ $\sqrt{7}$ $\sqrt{7}$

$$\frac{1}{3} = \frac{1}{243}$$

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

1) ()
$$10n - 17n + 3 = 0$$
 $f:30$

$$\int_{0}^{1} (10n - 17)(10n - 2) = 0$$

$$\int_{0}^{1} (2n - 3)(2)(5n - 1) = 0$$

$$2n - 3 = 0$$

$$2n - 3 = 0$$

$$2n - 3 = 0$$

$$2n - 2x - 4 = 0$$

$$2^{-} - 2x - 4 = 0$$

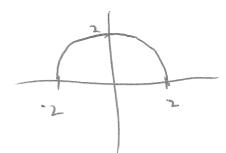
$$2^{-}$$

2y: 32 - 2h

y= 16-2

ii) A= 2 (16-2) $60 = 162 - 2^{2}$ a-162 +60=0 $\left(x-6)(x-10)=0$ y: 16-x 2 = 6 pr 10 10×6m 6 × 10m or

fails vertical line test I not a function- relation more then one 'y value for each a value 6/ (a): 22-1 g(2):10-326 152 1/6(3):2(3)-1 i) g(-2) = 10 -3(-2) + 5(-2) = 16 +20 = 36 (ii) f(a) + g(a): 2a-1 + [10-3a] + 5a2 55a-a 19 5)i) f(a): 4ì
n'-1 f(-x): 4(-x) (-2y2-) · · f(-n) = t(x) . even function ii) Symmetrical about the 's' axis.



e) [32+1]

3×11 ; (3×17)6

31177-1 1171-5

-32-1 if 311-120

324-1

26-13

F) 5= 22-4

y: 2x-4 ; 6 2x-470 2474

y=-2x+4; + 21-4<0

224

242

$$\frac{1}{2}$$

ii) 3= |22-4/

3=-2x+4

3= 22-4

-1=-22

7:270

a = = =

ルンラ

centre (-2,3) radius = 4