9,

determine the cost of a product or service.

(11) i- when high accuracy is needed.

2- when producing a new product.

3- when operations are highly technical.

(m)
(2) (1) High low mellod. (8002)
21,000hr= 184(000)
4,000hr= 90(000)

21,000-4000 17,000 -0.0067sh ph

y = a + bx. $184 = a + (0.0067 \times 21,000)$ 184 = a + 140.7184 - 140.7 = a y = 43.3 + 0.0067 x

X4 X2. (111 X 4 112,360,000 10,600 120 1,272,000 180 289,000,000 17,000 31060,000 70 280,000 15,000,000 4000 184 21,000 3,864,000 941,000,000 3, 382,000 178 361,000,000 19,000 780,000 100 7.800 60,840,000 196,000,000 192 2,408,000 14,000 154 1,848,000 194,000,000 12 1000 1,620,200,000 1,158 16,894,000

8(1,620,200,000) - (105,400)2 8(1,620,200,000) - (105,400)2

12,961,600,000 - 11,110,180,000

 $\frac{12,498,800}{1,851,440,000} = 0.00675$

a= 1,158-(0.00675 ×105,400) = 446.55 = 55.82

y= ss-82 to-606752