

$$\begin{array}{r} \text{---} \\ -x \\ -y \end{array}$$

$$\begin{array}{l} \cdot \quad " \quad 3 \quad x \\ \cdot \quad 615 \\ \cdot \quad x + 3y = 615 \end{array}$$

$$\begin{array}{l} \cdot \quad " \quad , 20\% - \\ \cdot \quad \frac{100+20}{100} \cdot x = 1.2x \\ \cdot \quad 630 \\ \cdot \quad 1.2x + 3y = 630 \end{array}$$

$$\begin{array}{l} : \\ \left\{ \begin{array}{l} x + 3y = 615 \quad / \cdot (-1) \\ 1.2x + 3y = 630 \end{array} \right. \\ + \left\{ \begin{array}{l} -x - 3y = -615 \\ 1.2x + 3y = 630 \end{array} \right. \\ 0.2x = 15 \quad / : 0.2 \\ \boxed{x = 75} \end{array}$$

$$\cdot \quad 75 \quad :$$

$$75 + 3y = 615 \quad / -75$$

$$3y = 540 \quad / : 3$$

$$\boxed{y = 180}$$

$$\cdot \quad " \quad 180 \quad :$$

$$d = 20 \quad a_1 = 45$$

$$a_n = a_1 + (n-1)d$$

9 -

$$a_9 = 45 + (9-1) \cdot 20$$

$$a_9 = 45 + 8 \cdot 20$$

$$a_9 = 45 + 160$$

$$\boxed{a_9 = 205}$$

$$9 - \quad 205 \quad :$$

285

$$a_n = 285$$

$$285 = 45 + (n-1) \cdot 20$$

$$285 = 45 + 20n - 20$$

$$285 = 25 + 20n \quad / -25$$

$$260 = 20n \quad / : 20$$

$$\boxed{n = 13}$$

285

$$, 13 - :$$

7 -

$$S_7$$

$$S_n = \frac{n[2a_1 + d(n-1)]}{2}$$

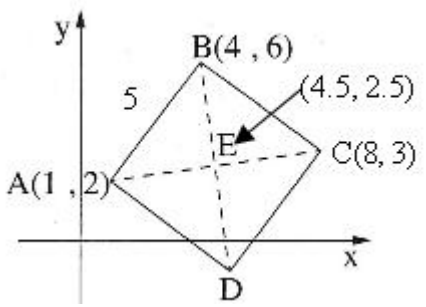
$$S_7 = \frac{7[2 \cdot 45 + 20 \cdot (7-1)]}{2}$$

$$S_7 = 3.5 \cdot (90 + 120)$$

$$S_7 = 3.5 \cdot 210$$

$$\boxed{S_7 = 735}$$

$$735 \quad :$$



$$d_{AB} = \sqrt{(1-4)^2 + (2-6)^2} = 5$$

.5 :

$$S_{ABCD} = (AB)^2 = 5^2 = 25$$

.25 :

. E(4.5, 2.5)

. AC E ,
 . A(1, 2) E(4.5, 2.5) , C

$$\left. \begin{aligned} 4.5 &= \frac{1+x_C}{2} & 2.5 &= \frac{2+y_C}{2} \\ 9 &= 1+x_C & 5 &= 2+y_C \\ 8 &= x_C & 3 &= y_C \end{aligned} \right\} C(8, 3)$$

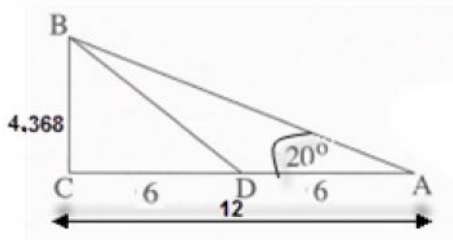
. C(8, 3) :

AC

$$d_{AC} = \sqrt{(1-8)^2 + (2-3)^2} = \sqrt{50}$$

.25 , , 2 $\sqrt{50} \cdot \sqrt{50} = 50$

. :



$$\begin{aligned} & \cdot AC && (1) \\ \cdot AD = DC = & \text{ " } 6 && , AC && BD \end{aligned}$$

$$AC = 6 \cdot 2 = \text{ " } 12$$

$$\cdot AC = \text{ " } 12 :$$

$$\cdot BC && (2)$$

ΔABC

$$\tan \sphericalangle CAB = \frac{BC}{AC}$$

$$\tan 20^\circ = \frac{BC}{12}$$

$$12 \tan 20^\circ = BC$$

$$\boxed{BC = 4.368}$$

$$\cdot BC = \text{ " } 4.368 :$$

$$\cdot ABC$$

ΔABC

$$S = \frac{AC \cdot BC}{2}$$

$$S = \frac{12 \cdot 4.368}{2}$$

$$\boxed{S = 26.21}$$

$$\cdot \text{ " } 26.21 \quad ABC \quad :$$

$$S_{\Delta ADB} = S_{\Delta CDB} = \frac{S_{\Delta ABC}}{2}$$

$$S_{\Delta ADB} = \frac{26.21}{2}$$

$$\boxed{S_{\Delta ADB} = 13.1}$$

$$\cdot \text{ " } 13.1 \quad ADB \quad :$$

· , _____ , ·

$$P = 0.3 \cdot 0.3 = 0.09$$

·0.09 : ·

$$, 1 - 0.3 - 0.2 = 0.5$$

· (100% = 1 -) :
·0.5 : ·

· , 1200 ·

· , ,

$$· 0.3 \cdot 1200 = 360 :$$

$$· 0.2 \cdot 1200 = 240 :$$

$$· (1200 - 360 - 240 = 600 :$$

$$) , 0.5 \cdot 1200 = 600 :$$