大問 [
(1)②
$$B(0,8)$$
 $C(-4,4)$
 $BC: Y = x + 8$
 $Ax^2 = x + 8$
 $x^2 = 4x + 2x$
 $(x + 4)(x - 8) = 0$
 $x = 4,8$

(8,16)

$$\chi^2 = 2\alpha + 3$$

$$A(-\frac{3}{2},0)$$

大問2

(/)

 $A(-t,at^2)$

B (3t, 9at2)

t:31 = 00:0D

00:00= (:3

$$A(-t,at^2)$$

$$-\frac{\int at^2 = -at + b}{2at^2 = 3ac + b}$$

$$\delta at^2 = -4at$$

$$\frac{3}{4}a \times \frac{1}{a} = \frac{3}{4}$$

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$$E(-\frac{3}{4},0)$$

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$$\Delta 0 = \frac{3}{4} \times \frac{3}{4} \times \frac{3}{2}$$

$$= \frac{3}{4} \times \frac{3}{8} a$$

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$$\triangle OAB = \left(\frac{1}{2} + \frac{3}{2}\right) \times \frac{3}{4}a \times \frac{1}{2}$$

$$= 2 \times \frac{3}{8}a$$

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大問3

(1) ①

大图3

(1)

C(-(, 0)

B(1,2)

E(3,0)

F.7

4×2×== 4

4

大图3 (1)③ D(d10) 2° + (/-d)°=4+1-2d+d° = 5 -2d + d2 (BD1) CD = BD =' (+d = BD (1+d)=5-2d+d2 (+ 2d fd2 = 6 - 2drd2 4d = 4 d= 1 D(1,0) 点DASABは平行的通線を引き、 チ軸的交点をD'をお DD':4=x-1 $(|+|) \times (\frac{1}{2} + 1) \times \frac{1}{2} = \frac{3}{2} \text{ ... } \triangle DAB$ △D'AB=△BAD(等積变形)