



$A(k; a) \quad D(k; 0) \quad B(0; a) \quad F(2a; 0) \quad E(k; \frac{a}{2})$

$BD \parallel AE \quad OA \parallel DE$

se $OA \parallel DE \quad m_{OA} = m_{DE}$

$$\frac{y_O - y_A}{x_O - x_A} = \frac{y_D - y_E}{x_D - x_E} \quad \frac{+a}{+k} = \frac{-\frac{a}{2}}{k - 2a}$$

$$\frac{a}{k} = \frac{a}{2(2a - k)} \quad k = 4a - 2k$$

$$3k = 4a \quad k = \frac{4a}{3}$$

$r_{OA}: y = \frac{a}{k}x \quad y = \frac{a}{\frac{4}{3}a}x \quad \boxed{y = \frac{3}{4}x}$

$D(\frac{4}{3}a; 0) \quad B(0; a)$

$r_{BD}: y = -\frac{a}{\frac{4}{3}a}(x - \frac{4}{3}a)$

$y = -\frac{3}{4}(x - \frac{4}{3}a) \quad \boxed{y = -\frac{3}{4}x + a}$





