

(S3) prove that midpoint $G(0,3)$ satisfies the equation of D 's altitude.

If yes, then we have shown that the altitude from vertex D bisects side EF .

LS
= 4
= 3

RS
= $-\frac{1x}{5} + 3$
= $-\frac{1(0)}{5} + 3$
= $0 + 3$
= 3

LS = RS \therefore yes.

