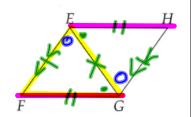
## Application at a d's.

- **3.2.1** EF = GH and FG = EH in the diagram at right.
- $\checkmark$ (a) Prove that △*EFG*  $\cong$  △*GHE*.
- $\checkmark$ (b) Show that ∠*EGF* = ∠*GEH*.
- V(c) Show that  $\overline{HE} \parallel \overline{FG}$ .
  - (d) Show that  $\overline{HG} \parallel \overline{EF}$ .



Statement Reason

BOEFGE SSS CPCTC

ACET IN & DIS ave & DIS ave &

5) HE/1FG | If alt. int. &'s ave =

Hegiven in.

CHGE

CPCTC

THG//ET / Halt int &'s ave & thegiven lines ave 11.

