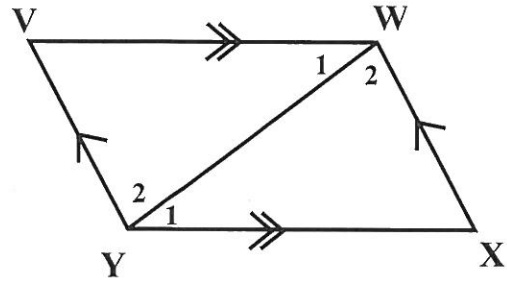


(1) Prove that: $\triangle WVY \equiv \triangle YXW$



In $\triangle WVY$ and $\triangle YXW$:

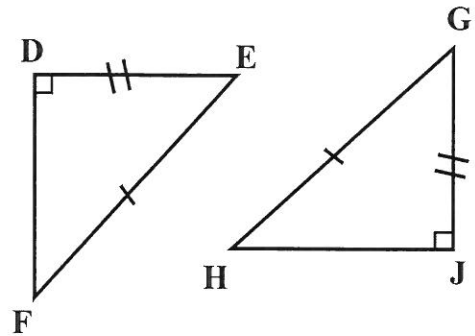
* $\hat{W}_1 = \hat{Y}_1$ [Alt. $\angle^s$; $VW \parallel YX$]

* $\hat{Y}_2 = \hat{W}_2$ [Alt. $\angle^s$; $VY \parallel WX$]

* $YW = YW$ [Common side]

$\therefore \triangle WVY \equiv \triangle YXW$ [$\angle \angle S$]

(2) Prove that: $\triangle DEF \equiv \triangle JGH$



In $\triangle DEF$ and $\triangle JGH$:

* $\hat{D} = \hat{J}$ [both 90°]

* $DE = GJ$ [Given]

* $EF = GH$ [Given]

$\therefore \triangle DEF \equiv \triangle JGH$ [90° ; h.s]