

Compétence travaillée	Difficulté	Socle commun	Nombre d'erreurs
Egalités de Thalès	★★☆☆☆	✓	

Ecrire les égalités de Thalès dans les configurations suivantes.

1) (HG)//(IF)

— = — = —

2) (WU)//(VY)

— = — = —

3) (XY)//(WU)

— = — = —

4) (IE)//(HG)

— = — = —

5) (TR)//(SV)

— = — = —

6) (LI)//(KJ)

— = — = —

1) (HG)//(IF)

$$\frac{EH}{EI} = \frac{EG}{EF} = \frac{HG}{IF}$$

2) (WU)//(VY)

$$\frac{XW}{XV} = \frac{XU}{XY} = \frac{WU}{VY}$$

3) (XY)//(WU)

$$\frac{VX}{VW} = \frac{VY}{VU} = \frac{XY}{WU}$$

4) (IE)//(HG)

$$\frac{FI}{FH} = \frac{FE}{FG} = \frac{IE}{HG}$$

5) (TR)//(SV)

$$\frac{UT}{US} = \frac{UR}{UV} = \frac{TR}{SV}$$

6) (LI)//(KJ)

$$\frac{ML}{MK} = \frac{MI}{MJ} = \frac{LI}{KJ}$$