

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

Ecrire les égalités de Thalès dans les configurations suivantes.

1)  $(BN) \parallel (MC)$

$\frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2)  $(AM) \parallel (NC)$

$\frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3)  $(CM) \parallel (NA)$

$\frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4)  $(BN) \parallel (CM)$

$\frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5)  $(MA) \parallel (BN)$

$\frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6)  $(CM) \parallel (NB)$

$\frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

1)  $(BN) \parallel (MC)$

$\frac{AB}{AM} = \frac{AN}{AC} = \frac{BN}{MC}$

2)  $(AM) \parallel (NC)$

$\frac{BA}{BN} = \frac{BM}{BC} = \frac{AM}{NC}$

3)  $(CM) \parallel (NA)$

$\frac{BC}{BN} = \frac{BM}{BA} = \frac{CM}{NA}$

4)  $(BN) \parallel (CM)$

$\frac{AB}{AC} = \frac{AN}{AM} = \frac{BN}{CM}$

5)  $(MA) \parallel (BN)$

$\frac{CM}{CB} = \frac{CA}{CN} = \frac{MA}{BN}$

6)  $(CM) \parallel (NB)$

$\frac{AC}{AN} = \frac{AM}{AB} = \frac{CM}{NB}$