CM1 Mathématiques : géométrie Mgéom L5 p *1 / 4*

**L5 Compléter une figure par symétrie**

*Cherchons*

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| Mathis s’est amusé à créer trois cartes de tarot qui ont un axe de symétrie.  **1er Retrouve** les trois cartes qu’il a créées.  **2ème Justifie** ta réponse et explique comment on pourrait vérifier. |  |

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**L 5. Compléter une figure par symétrie**

☞ On peut construire **le symétrique d’une figure par rapport à un axe**.

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| 🡪 par **pliage** et **découpage** |  |
| 🡪 à l’aide **de papier calque** |  |
| 🡪 en prenant les **repères** sur un **quadrillage** et en reportant **les points d’une figure**. |  |

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*Vérifier qu'une figure est symétrique par rapport à une autre*

**☺ Exercice 1 :** Dans quels cas les figures **son**t-elles symétriques par rapport à l'axe rouge ?

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**☺ Exercice 2 :** Dans quels cas les figures **son**t-elles symétriques par rapport à l'axe rouge ?

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*Construire le symétrique d’une figure par pliage et découpage*

**☺ Exercice 3 :** **Reproduis** ces figures. **Plie** sur l’axe et **découpe** pour obtenir leur symétrique

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| *Construire le symétrique d'une figure à l'aide de papier calque*  **😐 Exercice 4 :** ***Décalque*** *cette figure.* ***Plie*** *sur l'axe, puis* ***décalque*** *son symétrique.* | *Construire le symétrique d'une figure sur papier quadrillé*  **☺ Exercice 5 :** **Reproduis** ces figures et **trace** leur symétrique par rapport à l'axe rouge. |  |

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| **😐 Exercice 6 :**  **Reproduis** cette figure, **colorie**-la puis **trace** et **colorie** son symétrique par rapport à l’axe rouge. | **😐 Exercice 7 :**  **Reproduis** et **poursuis** cette frise. **Colorie**-la. |

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