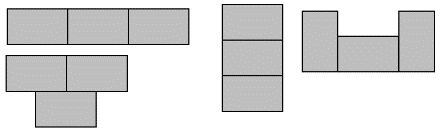
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|  | **CALCULS d’AIRES ** |

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| **1** |  | **2** |  | **3** |  | **4** |  | **5** |
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| **6** |  | **7** |  | **8** |  | **9** |  | **10** |
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| **11** |  | **12** |  | **13** |  | **14** |  | **15** |

**Comment faire ?**

L’aire est la **mesure d’une surface** dans une unité d’aire (par exemple le carreau d’un quadrillage, le centimètre carré cm²).



Des surfaces différentes peuvent avoir la même aire.

**Formule :**

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| Longueur du côté |
| AIRE = longueur du côté x longueur du côté |

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|  | CALCULS D’AIRES**** | **1** |
| **Classe les surfaces de la plus petite aire (3) à la plus grande aire (1)**  …  …  … | | |

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|  | CALCULS D’AIRES**** | **2** |
| **Classe les surfaces de la plus petite aire (3) à la plus grande aire (1)**  …  …  … | | |

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|  | CALCULS D’AIRES**** | **3** |
| **Calcule l’aire de la figure :**  A = … carreaux   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | | | |

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|  | CALCULS D’AIRES**** | **4** |
| **Calcule l’aire de la figure :**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | A = … carreaux |  |  | | | |

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|  | CALCULS D’AIRES**** | **5** |
| **Calcule l’aire de la figure :**   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |   A = … carreaux | | |

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|  | CALCULS D’AIRES**** | **6** |
| **Calcule l’aire de la figure :**   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |   A = … carreaux | | |

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|  | CALCULS D’AIRES**** | **7** |
| **Calcule l’aire du carré :**    A = … cm²  5 cm | | |

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|  | CALCULS D’AIRES**** | **8** |
| **Construis un carré dont l’aire mesure 16 carreaux :**   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | | | |

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|  | CALCULS D’AIRES**** | **9** |
| **Calcule l’aire du carré :**  A = … cm²  7 cm | | |

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|  | CALCULS D’AIRES**** | **10** |
| **Construis un polygone à plus de 6 côtés dont l’aire mesure 24 carreaux :**   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | | | |

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|  | CALCULS D’AIRES**** | **11** |
| **Calcule l’aire de la figure :**   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | A = …carreaux |  | | | |

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|  | CALCULS D’AIRES**** | **12** |
| **Construis un rectangle dont l’aire mesure 18 carreaux :**   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | | | |

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|  | CALCULS D’AIRES**** | **13** |
| **En sachant que l’aire de la figure 1 fait 40 cm², quelle est l’aire de la figure 2 ?**  Figure 2  Figure 1  **Aire figure 2 = … cm²** | | |

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|  | CALCULS D’AIRES**** | **14** |
| **Cherche la mesure du côté du carré:**    A = 36 cm²  … cm | | |

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|  | CALCULS D’AIRES**** | **15** |
| **Calcule l’aire du rectangle (le trait en pointillé va t’aider à trouver) :**    A = … cm²  4 cm  8 cm | | |