Prénom : …………………………………………… Date : … / … / ...

CE2

Mesure

**M1**

Je mesure des longueurs **(1)**

  Je mesure une longueur à l’aide d’une bande graduée ou d’une règle.





Utilise la règle graduée en pouces pour les mesures.

1. Complète :

* donne la mesure de la largeur de table :…………………………………..
* donne la longueur de la longueur de ta trousse : ………………………..
* donne la mesure de la longueur de ton stylo: …………………………….
* donne la mesure de la longueur de ta gomme: …………………………….
1. Mesure les longueurs des vers :

|  |  |
| --- | --- |
| Afficher l'image d'origine | …………………….. |
| Afficher l'image d'origine | …………………….. |
| Afficher l'image d'origine | …………………….. |
| Afficher l'image d'origine | …………………….. |

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CE2

Mesure

**M1**

Je mesure des longueurs**(2)**

  Je mesure une longueur à l’aide d’une bande graduée ou d’une règle



1. Quelle est la mesure des segments suivants ?

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A |  | B |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  | C |  | D |  |  |
|  |  |  | E |  |  |  |  |  |  |  | F |  |  |  |  |  |
|  | G |  |  |  |  |  |  | H |  |  |  |  |  |  |  |  |
|  |  |  |  | I |  | J |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **[AB]** | [CD] | [EF] | [GH] | [IJ] |
| **5 cm** | ……………………………. | ……………………………. | ……………………………. | ……………………………. |

1. Quelle est la mesure des segments suivants ?

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | K |  | L |  |  |  |  |  |  |  |  |  |  |
|  |  |
|  |  |  |  |  | M |  | N |  |  |  |
|  |  |  | O |  | P |  |  |  |  |  |  |  |
|  |  |  |  |  | Q |  | R |  |  |  |  |  |  |  |
|  |  |  |  |  |  | S |  | T |
|  |  |
| **[KL]** | [MN] | [OP] | [QR] | [ST] |
| **3 cm 5 mm** | ……………………………. | ……………………………. | ……………………………. | ……………………………. |

1. Quelle est la mesure des segments suivants (en cm et en mm) ?

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | A |  |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | D |  |  |  |
|  |  |  | E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | H |  |  |
|  |  |  | G |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | J |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | F |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  **[AB]** | [CD] | [EF] | [GH] | [IJ] |
| **12 cm 3 mm** | ……… cm …… mm | ……………………………. | ……………………………. | ……………………………. |

1. Relie les points deux à deux en traçant les segments demandés puis indique leurs mesures (en cm et en mm) :

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  | Q | x |  |  |  | N | x |  |  |  |  |  |  |  |  |  |  |  |
|  |  | K | x |  |  |  | O | x |  |  |  |  |  |  |  |  |  |  |  | x | S |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | R |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | M | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T | x |  |  |  |  |  |  |  | x |  |  |  |
|  |  |  |  |  |  |  |  |  | x | L |  |  |  |  |  |  |  |  |  |  |  |  |  | P |  |  |  |
|  [KL] | [MN] | [OP] | [QR] | [ST] |
| **6 cm 9 mm** | ……… cm …… mm | ……………………………. | ……………………………. | ……………………………. |

Prénom : …………………………………………… Date : … / … / ...

CE2

Mesure

**M1/2**

Je mesure des longueurs **(3)**

  Je mesure une longueur à l’aide d’une bande graduée ou d’une règle

Je trace un segment à la longueur demandée.



**Mesure les lignes brisées suivantes comme sur l’exemple :**

1. Mesure les lignes et calcule leur longueur :

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2cm | 5 cm |  |  |  |  |  |  |  |  |  |  |
|  | 4 cm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 2cm |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 cm |  |  |  |  |  |  |  |  |  |  |
| 2cm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 cm |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| A2 + 2 + 2 + 4 + 4 + 5 + 5 =6 + 8 + 10 = 24A = 24 cm et 0 mm | B……………………………………………………..……………………………………………………..……………………………………………………..B = ………… cm et ………… mm | C……………………………………………………..……………………………………………………..……………………………………………………..C = ……… cm et ………… mm |

1. Prolonge ces segments afin d’obtenir la longueur demandée :

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **XY = 11 cm** |  |  |  |  |  |  |  |  |  |  |  |
| **X** |  |  |  |  |  |  |  |  |  |  | **Y** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AB = 12 cm |  |  |  |  |  |  |  |  |  |  |  |
| A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CD = 9 cm |  |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EF = 11 cm et 5 mm |  |  |  |  |  |  |  |  |  |  |  |
| E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GH = 8 cm et 5 mm |  |  |  |  |  |  |  |  |  |  |  |
| G |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IJ = 10 cm et 7 mm |  |  |  |  |  |  |  |  |  |  |  |
| I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| KL = 7 cm et 4 mm |  |  |  |  |  |  |  |  |  |  |  |
| K |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. Mesure les segments suivants :

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **AB = 15 cm et 0 mm** | **AB = 150 mm** |  |  |  |  |  |  |
| **A** |  |  |  |  |  |  |  |  |  |  |  |  |  | **B** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CD = ………… cm et …… mm | CD = …………… mm |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EF = ………… cm et …… mm | EF = …………… mm |  |  |  |  |  |  |
| E |  |  |  |  |  |  |  |  |  |  | F |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GH = ………… cm et …… mm | GH = …………… mm |  |  |  |  |  |
| G |  |  |  |  |  |  |  |  |  |  |  | H |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. Imagine la taille de ces différents objets :

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| http://coloriage.mobi/images/colle.gif | 3cm | http://coloriage.mobi/images/ciseaux_t.800.gif | 5cm | http://coloriage.mobi/images/crayon_de_papier.gif | 4cm | http://coloriage.mobi/images/stylo_t.800.gif | 12cm |
| 8cm | 13cm | 15cm | 15cm |
| 16cm | 20 cm | 18cm | 17cm |

Prénom : …………………………………………… Date : … / … / ...

CE2

Mesure

**M1/2/3**

Je mesure des longueurs **(4)**

  Je mesure une longueur à l’aide d’une bande graduée ou d’une règle

Je trace un segment à la longueur demandée.

Je connais la relation entre le cm et mm



**Mesure les lignes brisées suivantes comme sur l’exemple :**



1. Transforme les mesures en mm en cm et mm.

|  |  |  |
| --- | --- | --- |
| **12mm=……….cm………mm** | **15mm=……….cm………mm** | **25mm=……….cm………mm** |
| **45mm=……….cm………mm** | **112mm=……….cm………mm** | **152mm=……….cm………mm** |

1. Transforme les mesures en cm et mm en mm.

|  |  |  |
| --- | --- | --- |
| **2cm3mm=…………mm** | **1cm5mm=…………mm** | **5cm5mm=…………mm** |
| **6cm7mm=…….……mm** | **12cm3mm=…………mm** | **15cm3mm=…………mm** |

1. Relie les étiquettes qui représentent la même mesure:

18mm

1 cm

5cm

10mm

12cm

50mm

1cm8mm

120mm

1. Mesure chacune des lignes.
2. *D’abord mesure chaque morceau en mm.*
3. *Calcule combien mesure toute la ligne.*
4. *Calcule combien il y a de cm dans la mesure en mm.*

|  |  |
| --- | --- |
| Ligne x | ………………….+…………………….+……………………=………………….. |
|  | La ligne x mesure………mm ou ………. cm ……….. mm. |
| Ligne y | ………………….+…………………….+……………………=………………….. |
|  | La ligne y mesure………mm ou ………. cm ……….. mm. |
| Ligne w | ………………….+…………………….+…………………+…………..…=………………….. |
|  | La ligne w mesure………mm ou ………. cm ……….. mm. |
| Ligne z | ………………….+…………………….+……………………=………………….. |
|  | La ligne z mesure………mm ou ………. cm ……….. mm. |
| Ligne u | ………………….+…………………….+……………………=………………….. |
|  | La ligne u mesure………mm ou ………. cm ……….. mm. |