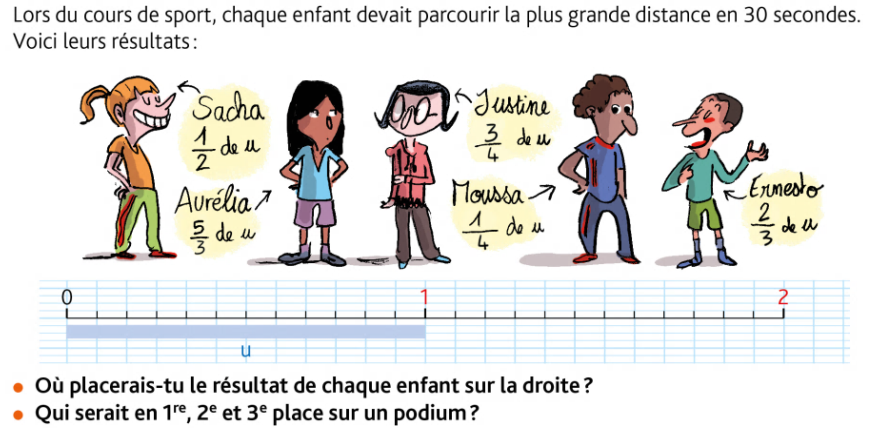
CM1 Mathématiques : numération Mnum L8 p *1 / 3*

L 8 Repérer, placer et encadrer des fractions simples sur une demi-droite graduée

CORRECTION 1er

*Cherchons*

Lors du cours de sport, chaque enfant devait parcourir la plus grande distance en 30 secondes. Voici leurs résultats:



1 / Où placerais-tu le résultat de chaque enfant sur la droite?

2 / Qui serait en 1er, 2ème, et 3ème place sur un podium?

Aide

Pour répondre à cet exercice, il faut à chaque fois partager l’unité en part égale eu fonction du dénominateur de la fraction. Travailler sur le schéma comme ci-dessous.

1 / Où placerais-tu le résultat de chaque enfant sur la droite?

Pour Sacha de u, il faut donc partager u qui correspond à 12 carreaux en 2 parts égales soit tous les 6 carreaux.

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Pour Justine de u et Moussa de u il faut donc partager u qui correspond à 12 carreaux en 4 parts égales soit tous les 3 carreaux.

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Pour Ernesto de u et Aurélia de u il faut donc partager u qui correspond à 12 carreaux en 3 parts égales soit tous les 4 carreaux.

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2 / Qui serait en 1er, 2ème, et 3ème place sur un podium?

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En 1er place Aurélia 2ème place Justine 3ème place Ernesto

*Repérer une fraction sur une demi-droite graduée*

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| **☺ Exercice 1 : Observe** la demi-droite graduée et **associe** les lettres aux fractions proposées. | Correction  On a partagé l’unité en 10 parts égales.   |  |  |  | | --- | --- | --- | | A 🡪 | B 🡪 | C 🡪 | | D 🡪 | E 🡪 | F 🡪 | |

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| **😐 Exercice 2 :** **Observe** les demi-droites graduées et **indique** à quelle fraction correspond chaque lettre. | Correction  On a partagé l’unité en 4 parts égales.   |  |  |  | | --- | --- | --- | | A 🡪 | B 🡪 | C 🡪 | | D 🡪 |  |  |   On a partagé l’unité en 3 parts égales.   |  |  |  | | --- | --- | --- | | A 🡪 | B 🡪 | C 🡪 | | D 🡪 | E 🡪 |  | |

*Placer une fraction sur une demi-droite -graduée*

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| **☺ Exercice 3 : Reproduis** les demi -droites graduées et **place** les fractions suivantes. | | a On a partagé l’unité en 8 parts égales, le dénominateur de la fraction sera égal à 8.   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | u | | | | | | | |  |  | | 0 | |  |  |  |  |  |  | 1 | |  | |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  | |  |  | |  | |  |  | |  | |  | |  |  |  |  |  | |  |  |  | |  |   b On a partagé l’unité en 3 parts égales, le dénominateur de la fraction sera égal à 3.   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  | u | | | | | |  | | 0 | |  | 1 | |  | 2 | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  | |  | |  |  | | |  |  |  |  |  | |  |  | |
| **😐 Exercice 4 :**  1 / **Reproduis** la demi -droite graduée et **place** les fractions suivantes.    2 / **Observe** la demi-droite-graduée et **recopie** ce qui est vrai. | 1 On a partagé l’unité en 5 parts égales, le dénominateur de la fraction sera égal à 5.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | u | | | | | | | | | |  |  |  |  |  |  |  |  |  |  |  | | 0 | |  |  |  |  |  |  |  |  | 1 | |  |  |  |  |  |  |  |  | 2 | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  |  |  | |  |  |  | |   2 Pour faire le 2, il faut regarder la droite graduée précédente. ***Voir schématisation en dessus***  = 1 + vrai / = 5 faux 🡪= 1 / = 2 vrai / < 1 vrai  > 1 faux   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 0 | |  |  |  |  |  |  |  |  | 1 | |  |  |  |  |  |  |  |  | 2 | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  |  |  | |  |  |  | | | 0 | |  |  |  |  |  |  |  |  | 1 | |  |  |  |  |  |  |  |  | 2 | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  | | | | | | | | | |  | | | | | |  |  |  |  |  | |  | 1 | | | | | | | | | |  | | | | | |  |  |  |  |  | | | |