**Maths revision**

**You will find helpful videos sort by subject and exercises related to the subject. On the website, you will also find a document “cahier de revision” with daily exercises of the math content of the year.**

**If you understand the subject, you do not have to do all the exercises. This is a revision, so the goal is to make sure you understand and have a chance to practice. The bonus exercises are more difficult if you need to be challenged!**

1. **Numération**

[La numération (introduction)](https://www.youtube.com/watch?v=vlm9doB6BiA&list=PLgkmOpfw6O6XIk7bTfZg2heEiWl-4J6YL&index=5) [Exercices sur la numération](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UMDhRMkpDN0EyQTJQSFJIRjFCR0k2UUlHQy4u)

[La numération (exemples et problèmes)](https://www.youtube.com/watch?v=cbhKJ9mPV04&list=PLgkmOpfw6O6XIk7bTfZg2heEiWl-4J6YL&index=4)

[Arrondir les nombres](https://www.youtube.com/watch?v=RKOa-kVvzrA&list=PLgkmOpfw6O6XIk7bTfZg2heEiWl-4J6YL&index=3)  [Exercices pour arrondir](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UMEhTSFpUT0tBN1JDQ1VRMktZRkhIOVpWVy4u)

[Les régularités](https://www.youtube.com/watch?v=iB1obcMaMzs&list=PLgkmOpfw6O6XIk7bTfZg2heEiWl-4J6YL&index=9) [Exercices sur les régularités](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9URjI0Q09POVkxVjhKS1RHQkJHWjZRWE9QRi4u)

[Le classement des nombres](https://www.youtube.com/watch?v=4kPLgHY-jc8&list=PLgkmOpfw6O6XIk7bTfZg2heEiWl-4J6YL&index=10) [Exercices sur le classement](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UNE1ZTTU2VVNNOE9RVUczTzRQU0VWWTRFRS4u)

1. **Additions et soustractions**

Students should know how to do these. [Exercices pour addition 4e](https://www.mathslibres.com/addition/add_nombres_0403_chiffres_sans_retenue_001.php)

[Vidéo addition (if needed)](https://www.youtube.com/watch?v=eJi7o9cYdSg) [Exercices pour addition 5e](https://www.mathslibres.com/addition/add_nombres_0505_chiffres_sans_retenue_001.php)

[Vidéo soustraction (if needed)](https://www.youtube.com/watch?v=PpJiRoKUjXQ)  [Exercices soustraction 4e](https://www.mathslibres.com/soustraction/soustraction_chiffresvaries0204_001.php)

[Exercices soustraction 5e](https://www.mathslibres.com/soustraction/soustraction_chiffresvaries0305_001.php)

1. **Multiplications et divisions**

[Base de la multiplication](https://www.youtube.com/watch?v=0yzJGxCZjNQ) [Exercices de base jusqu’à 100](https://www.mathslibres.com/multiplication/regles_multiplication_0110_0110_0_009.php) [Multiplication longue](https://www.youtube.com/watch?v=U9J7k-Z9WL0) [Exercices de multiplication](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UMVQzUklLTE05ODZNS0hYU1U4V1oxM0RKWi4u)

[Multiplication 4e](https://www.mathslibres.com/multiplication_posee/multi_posee_3_chiffres_par_1_chiffre_l_006.php)

[Multiplication 5e](https://www.mathslibres.com/multiplication_posee/multi_posee_3_chiffres_par_2_chiffres_l_006.php)

[La Division (base)](https://www.youtube.com/watch?v=OOFyPtTW67o) [Exercices de base jusqu’à 100](https://www.mathslibres.com/division/division_nombres_100_eu_006.php)

[La division par décomposition](https://www.youtube.com/watch?v=9JPTI6MzXCk) [Division niveau 1](https://www.mathslibres.com/division/division_posee_1div_2quot_sr_eu_006.php)

[La division longue](https://www.youtube.com/watch?v=cfv72zxaTHM) [Division niveau 2](https://www.mathslibres.com/division/division_posee_1div_3quot_sr_eu_001.php)

[Division niveau 3](https://www.mathslibres.com/division/division_posee_2div_2quot_sr_eu_006.php) [Division avec reste](https://www.mathslibres.com/division/division_posee_1div_3divd_r_eu_006.php) Bonus : [Division avec reste (décimal)](https://www.mathslibres.com/division/division_posee_1div_3divd_dec_eu_001.php)

1. **Fractions**

[Introduction et équivalence](https://www.youtube.com/watch?v=z0g0_qclF0U) [Exercices pour fractions](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UNkc0UExBR0FUWFhSMjRYOFZXTjRUUlZZVy4u)

[Additionner et soustraire fractions](https://www.youtube.com/watch?v=U8QbvgAiYvQ) [Exercices pour additions et soustractions](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UQzRZQ0lWMFo1TDkxQU9JMU1NNk5DSVZQNy4u)

[Nombres fractionnaires et fractions impropres](https://www.youtube.com/watch?v=R4qbYGQlOZs) [Exercices pour nombres fractionnaires](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UREM4RlA4V0lVUUFHOEM0MTdHNUlQQjI1RS4u)

[Comparer des fractions](https://www.youtube.com/watch?v=lGNqEAop_Bs) [Exercices pour comparer](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UNFRBREtRQ0lENUxPRU04QkVUSUVDTU0zNy4u) [Ordonner des fractions](https://www.youtube.com/watch?v=qaFuGol1MEw) [Exercices pour ordonner](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9URUpRQTBWUElBMFZOTUtDQUVRNUY0MERCSS4u)

Bonus : [Multiplier fraction par nombre naturel](https://www.youtube.com/watch?v=ARxhJY93pHk&list=PLgkmOpfw6O6XGVXiQoWdqc4FtKQqmDDFK&index=1) [Exercices pour multiplication de fractions](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9URUxPVjdPRVlVRzVSMzlTQUxIRDBaM0ZLQy4u)

1. **Nombres décimaux**

[Ordonner sur la droite numérique](https://www.youtube.com/watch?v=Q_APNF5H3oM) [Exercices sur la droite](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UMzgwMzg3WVRaSEtHQVpRWVA1M1Q0NTFTNy4u)

[Le pourcentage](https://www.youtube.com/watch?v=pD7WlDIupCc)

[Conversion pourcentages/fractions/décimaux](https://www.youtube.com/watch?v=wSVnbruRG60) [Exercices sur le pourcentage](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UOVI4VVVKTEdXOFYxNENaTlVWQUFaRDhYTC4u)

1. **Translation/réflexion**

[Frises](https://www.youtube.com/watch?v=kplu2qAJCIU&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ&index=2) [Dallage](https://www.youtube.com/watch?v=3m3Zi4UYCPw&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ) [Exercices pour frises et dallage](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UMTZXNlY5T1RJRUFVN1pZNDhQMUkzTUpPNi4u)

1. **Le plan cartésien**

[Vidéo](https://www.youtube.com/watch?v=pv3_WsZGYNM&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ&index=3) sur le plan cartésien [Exercices pour le plan cartésien](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9URVYxQUI4NVM4MVJMNEpEM0FCVkJFTUU0Uy4u)

1. **Géométrie**

[Polygones et quadrilatères](https://www.youtube.com/watch?v=tlwj9pMxt3c&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ&index=10)

[Classement des triangles](https://www.youtube.com/watch?v=kOVTOTlhka4&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ&index=6) [Exercices pour triangles](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UNk9HOTlMRUxMQkQ0R1M4QUZDM1RBU1ZDSC4u)

[Les angles et les côtés d’un polygone](https://www.youtube.com/watch?v=b0dHOKaf0Jo&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ&index=9)

[Caractéristique des polygones](https://www.youtube.com/watch?v=9oX-IXaYr_g&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ&index=8)

Bonus : [Le cercle](https://www.youtube.com/watch?v=o_aqwUaVqNw&list=PLgkmOpfw6O6WjWyTj3Vcjy_rkCjPnitVZ&index=5)

1. **Analyse de données**

[Enquête et tableau de données](https://www.youtube.com/watch?v=rjL_sFG45Do)

[Les diagrammes (introduction)](https://www.youtube.com/watch?v=g0PN0m456Dk&list=PLgkmOpfw6O6X1W1m7gaqTOx3dBEwHb6UW&index=2)

[Diagramme à pictogrammes](https://www.youtube.com/watch?v=vMgKfHIaaIE) [Exercices pour pictogrammes](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UMkY4RU9SMFFVSTNKS043N1AwNTM5TFBHRC4u)

[Diagramme à ligne brisé](https://www.youtube.com/watch?v=f2mKATm5bjE&list=PLgkmOpfw6O6X1W1m7gaqTOx3dBEwHb6UW&index=4)

[Diagramme à bandes](https://www.youtube.com/watch?v=4rCgbjQ2WSY)

[Diagramme circulaire](https://www.youtube.com/watch?v=gTElJnUKJwk)

1. **Opérations arithmétiques**

[Priorité des opérations](https://www.youtube.com/watch?v=FsIGGGdOXeI&list=PLgkmOpfw6O6UX9JUcP0l8pioez4UvNuTc) [Exercices priorité des opérations](https://forms.office.com/Pages/ResponsePage.aspx?id=E9U3LEtifkWSrHL6rrNMuhon19hyI31CnkyO1oVq9e9UNzRYWU5LTUtNQVpVNkUwUlZBNERXWlpSVy4u)

[Terme manquant : addition](https://www.youtube.com/watch?v=cearn659HR0&list=PLgkmOpfw6O6UX9JUcP0l8pioez4UvNuTc&index=14)

[Terme manquant : multiplication](https://www.youtube.com/watch?v=rCzRssLgrfE&list=PLgkmOpfw6O6UX9JUcP0l8pioez4UvNuTc&index=12)

[Terme manquant : division](https://www.youtube.com/watch?v=aV1x41rQHZM&list=PLgkmOpfw6O6UX9JUcP0l8pioez4UvNuTc&index=11)

Do not forget to do the document: Cahier de revision on the website!

**Have a nice summer!! :D**