

REVISION TOPIC LIST

1. Converting Fraction \leftrightarrow Decimal \leftrightarrow Percentage (Corbett maths video: 121-131)
<https://www.transum.org/Maths/Activity/FractionDecimalPercentage/>
2. Decimals – Multiplying & Dividing (Corbett maths video: 92,93, 94)
<https://www.transum.org/Maths/Activity/Decimals/>
3. Percentage – Finding percentage, Increase and decrease in percentage, change in percentage, reverse percentage(Corbett maths video: 233, 234, 235, 237, 238, 240)
[https://www.transum.org/Maths/Exercise/Express As A Percentage.asp](https://www.transum.org/Maths/Exercise/Express_As_A_Percentage.asp)
[https://www.transum.org/software/SW/Starter of the day/Students/Percentages.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/Percentages.asp?Level=1)
[https://www.transum.org/software/SW/Starter of the day/Students/PercentageChange.asp](https://www.transum.org/software/SW/Starter_of_the_day/Students/PercentageChange.asp)
4. Negative numbers – Adding, Subtracting, Multiplying & Dividing (Corbett maths video: 205, 206, 207, 208, 209)
[https://www.transum.org/software/SW/Starter of the day/Students/Negative Numbers.asp](https://www.transum.org/software/SW/Starter_of_the_day/Students/Negative_Numbers.asp)
Level-1,2: Subtraction Level-3: Addition level-4: Multiplication, Level-5: Division
5. Prime factors (Corbett maths video: 223)
<https://www.transum.org/Maths/Activity/Prime/>
6. L.C.M (Lowest Common Multiple) & H.C.F (Highest Common Factor) (Corbett maths video: 224)
[https://www.transum.org/software/SW/Starter of the day/Students/HCF LCM.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/HCF_LCM.asp?Level=1)
Level 1-3: HCF, Level-4: LCM
7. Fractions - Adding, Subtracting, Multiplying & Dividing (Corbett maths video: 132-140, 142, 144, 146)
[https://www.transum.org/software/SW/Starter of the day/Students/Fractions.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/Fractions.asp?Level=1)
Level 1-3: Addition Level 4-6: Subtraction Level 7: Multiplication Level 8: Division
8. BIDMAS (Brackets Indices Divide Multiply Adding Subtracting) (Corbett maths video: 211)
[https://www.transum.org/software/SW/Starter of the day/Students/BIDMAS Click.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/BIDMAS_Click.asp?Level=1)
9. Ratios – Sharing in given ratio (Corbett maths video: 269, 270, 271, 255a, 256)
[https://www.transum.org/software/SW/Starter of the day/Students/Ratio.asp](https://www.transum.org/software/SW/Starter_of_the_day/Students/Ratio.asp)
[https://www.transum.org/software/SW/Starter of the day/Students/Ratio.asp?Level=5](https://www.transum.org/software/SW/Starter_of_the_day/Students/Ratio.asp?Level=5)
10. Nth term (Corbett maths video: 286, 287, 288, 290)
[https://www.transum.org/Maths/Activity/Matchstick Patterns/](https://www.transum.org/Maths/Activity/Matchstick_Patterns/)
[https://www.transum.org/software/SW/Starter of the day/Students/Missing Terms.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/Missing_Terms.asp?Level=1)
<https://www.transum.org/Maths/Exercise/Sequences/Parts.asp>

11. Probability (Corbett maths video: 245, 246, 250)
[https://www.transum.org/Software/Online Exercise/Probability/Default.asp?Level=1](https://www.transum.org/Software/Online%20Exercise/Probability/Default.asp?Level=1)
12. Metric Units – Length, Weight, Volume & Time (Corbett maths video: 349a, 349b, 349c)
<https://mathsmadeeasy.co.uk/ks3-revision/ks3-understanding-mixed-metric-units/>
13. Rounding – to given significant numbers, to given decimal places (Corbett maths video: 276, 277a, 277b, 278, 279a, 215, 285)
https://www.transum.org/software/SW/Starter_of_the_day/Students/RoundingDP.asp
14. Algebra – Expanding, Simplifying & Substitution, Forming equations (Corbett maths video: 9, 11, 13, 16, 18, 19, 20, 23, 24, 110, 113, 115)
https://www.transum.org/Maths/Activity/Algebra/Collecting_Like_Terms.asp
https://www.transum.org/Software/SW/Starter_of_the_day/Students/Algebraic_Notation.asp
<https://www.transum.org/Maths/Activity/Algebra/Algebragons.asp?Level=1>
https://www.transum.org/software/SW/Starter_of_the_day/Students/Brackets.asp?Level=1
https://www.transum.org/software/SW/Starter_of_the_day/Students/Equations.asp
https://www.transum.org/software/SW/Starter_of_the_day/Students/Factorising.asp
https://www.transum.org/software/SW/Starter_of_the_day/Students/Substitution.asp
<https://www.transum.org/Maths/Exercise/Expressions/>
15. Shapes- Properties & Symmetry (Rotational & Lines of symmetry) (Corbett maths video: 316, 317)
<https://www.transum.org/software/SW/polygons/polygons.asp>
16. Shapes – Perimeter and Area of Square, Rectangle, Triangle, Circle, Composite shape (Corbett maths video: 40, 41, 42, 44, 45, 47, 48, 49, 59, 60, 61, 62, 241)
https://www.transum.org/software/sw/starter_of_the_day/students/Oblongs.asp
https://www.transum.org/software/SW/Starter_of_the_day/Students/Missing_Lengths.asp
https://www.transum.org/software/SW/Starter_of_the_day/Students/Circles.asp
https://www.transum.org/software/sw/starter_of_the_day/students/areas_of_composite_shapes.asp?Level=1
<https://www.transum.org/Maths/Exercise/Algebra/Perimeters.asp?Level=1>
17. Transformation – Rotation. Reflection, Enlargement, Translation (Corbett maths video: 272, 273, 275, 104, 104a, 105, 106, 107, 108, 325, 326)
https://www.transum.org/software/SW/Starter_of_the_day/Students/Transformations/Draw.asp
18. Angles – Missing angles in parallel lines (Corresponding ‘F’, Alternate ‘Z’, Supplementary ‘C’)
(Corbett maths video: 25)
https://www.transum.org/software/SW/Starter_of_the_day/Students/AngleParallel.asp
19. Angles – at a point & on a straight line, Triangle (Corbett maths video: 30, 33, 34, 35, 37, 38, 39)

https://www.transum.org/Software/SW/Starter_of_the_day/Students/AnglePoints.asp

https://www.transum.org/software/SW/Starter_of_the_day/Students/AnglesInTriangle/Quiz.asp?Level=1

- 20.** Angles – Interior and Exterior angles of Polygon (Corbett maths video: 32)

https://www.transum.org/software/Online_Exercise/PolygonAngles/Regular.asp

- 21.** Averages – Mean, Median, Mode and Range (Corbett maths video: 50, 53, 56, 57)

https://www.transum.org/software/SW/Starter_of_the_day/Students/Averages.asp?Level=1

- 22.** Bearings (Corbett maths video:)

<https://www.transum.org/Maths/Activity/Bearings/Exercise.asp?Level=1>

- 23.** Scatter graph & Correlations: (Corbett maths video: 165, 166, 167, 168)

https://www.transum.org/Maths/Activity/Scatter_Graphs/Cartoon.asp

https://www.transum.org/Maths/Activity/Scatter_Graphs/Plotting.asp

<https://www.transum.org/Maths/Activity/Correlation/>

- 24.** Graphs – Pie charts , Bar charts (Corbett maths video: 163, 164, 147, 148)

https://www.transum.org/software/SW/Starter_of_the_day/Students/Pie_Charts.asp?Level=3

https://www.transum.org/software/SW/Starter_of_the_day/Students/Reading_Graphs_and_Charts.asp

- 25.** Standard form (Corbett maths video: 300)

https://www.transum.org/software/SW/Starter_of_the_day/Students/Standard_Form.asp

- 26.** Indices (Corbett maths video: 172, 173, 174, 175)

https://www.transum.org/software/SW/Starter_of_the_day/Students/Indices.asp?Level=1

- 27.** Speed distance Time (Corbett maths video: 299)

https://www.transum.org/Maths/Activity/Compound_Units/?Level=1

- 28.** Transformation – Rotation. Reflection, Enlargement, Translation (Corbett maths video: 272, 273, 275, 104, 104a, 105, 106, 107, 108, 325, 326)

https://www.transum.org/software/SW/Starter_of_the_day/Students/Transformations/Draw.asp

For more practice: go to

<https://uk.ixl.com/math/>

<https://corbettmaths.com/contents/>

<https://www.bbc.co.uk/bitesize/subjects/zqhs34j>

<https://www.onmaths.com/>

<https://app.senecalearning.com/classroom/course/b4791b6d-e97a-43c7-a84c-d31a18d46945>

If you know a skill, then try to do worded problems of that skill.

Try to challenge yourself by doing HIGHER levels on Transum.