

REVISION TOPIC LIST

- 1.** Converting Fraction <-> Decimal <-> 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/software/SW/Starter_of_the_day/Students/Percentages.asp?Level=1
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
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
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
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
- 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?Level=5
- 10.** Nth term (Corbett maths video: 286, 287, 288, 290)
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/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
- 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 (Corbett maths video: 9, 11, 13, 14, 16, 18, 19, 20, 21, 22, 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/Algebraons.asp?Level=1>
https://www.transum.org/software/SW/Starter_of_the_day/Students/Algebraic_Fractions.asp
https://www.transum.org/software/SW/Starter_of_the_day/Students/Brackets.asp?Level=1
<https://www.transum.org/Maths/Exercise/Algebra/Fractions/>
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/Algebra/Superfluous.asp>
https://www.transum.org/software/SW/Starter_of_the_day/Students/InequalitiesB.asp?Level=5
<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.** Shapes – Volume and Surface area of Cube, Cuboids, Cylinder (Corbett maths video: 310, 315, 355, 356, 357)
https://www.transum.org/Software/SW/Starter_of_the_day/Students/Surface_Area.asp

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

- 18.** 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
- 19.** 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
- 20.** 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
- 21.** Angles – Interior and Exterior angles of Polygon (Corbett maths video: 32)
https://www.transum.org/software/Online_Exercise/PolygonAngles/Regular.asp
- 22.** Averages – Mean, Median, Mode and Range . Stem and leaf diagram, Frequency table(grouped and ungrouped)(Corbett maths video: 50 - 57, 169, 170,)
https://www.transum.org/software/SW/Starter_of_the_day/Students/Averages.asp?Level=1
- 23.** Bearings (Corbett maths video:)
<https://www.transum.org/Maths/Activity/Bearings/Exercise.asp?Level=1>
- 24.** 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/>
- 25.** Graphs – Pie charts , Bar charts, Travel graph (Constructing and Interpreting) (Corbett maths video: 163, 164, 147, 148, 171)
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
https://www.transum.org/software/SW/Starter_of_the_day/Students/Plotting_Graphs.asp
https://www.transum.org/Maths/Activity/Travel_Graphs/
- 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. Simultaneous Equations (Corbett maths video:393)

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

29. Standard form (Corbett maths video: 300)

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

30. Quadratic sequence Nth term (Level- 1-3) (Corbett maths video: 388 a,b,c)

https://www.transum.org/Maths/Activity/Quadratic_Sequences/Default.asp?Level=1

31. Changing the subject(Corbett maths video: 7,8)

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

32. Gradient of the line (Corbett maths video: 189, 190, 196, 197)

<https://www.transum.org/software/GraphMatch/Gradient.asp>

<https://www.transum.org/software/Graphmatch/Default.asp>

<https://www.transum.org/Maths/Exercise/Graph/Parallel.asp>

33. Inequalities (Corbett maths video: 176, 177, 178, 179)

https://www.transum.org/software/SW/Starter_of_the_day/Students/InequalitiesB.asp?Level=5

34. Converting decimals to fractions (Corbett maths video: 96)

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

35. Pythagoras theorem (Corbett maths video: 257, 260, 261)

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

36. Simple and Compound Interest (Corbett maths video: 236)

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

37. Frequency tree (Corbett maths video: 376)

https://www.transum.org/Maths/Activity/Probability/Frequency_Trees.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.