

REVISION TOPIC LIST

1. Converting Fraction <-> Decimal <-> Percentage
<https://www.transum.org/Maths/Activity/FractionDecimalPercentage/>
2. Decimals – Multiplying & Dividing
<https://www.transum.org/Maths/Activity/Decimals/>
3. Percentage – Finding percentage, Increase and decrease in percentage, change in percentage, reverse percentage
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
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
<https://www.transum.org/Maths/Activity/Prime/>
6. L.C.M (Lowest Common Multiple) & H.C.F (Highest Common Factor)
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
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)
https://www.transum.org/software/SW/Starter_of_the_day/Students/BIDMAS_Click.asp?Level=1
9. Ratios – Sharing in given ratio
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
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
https://www.transum.org/Software/Online_Exercise/Probability/Default.asp?Level=1
12. Metric Units – Length, Weight, Volume & Time

<https://mathsmadeeasy.co.uk/ks3-revision/ks3-understanding-mixed-metric-units/>

- 13.** Rounding – to given significant numbers, to given decimal places

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

- 14.** Algebra – Simplifying & Substitution

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/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)

<https://www.transum.org/software/SW/polygons/polygons.asp>

- 16.** Shapes – Perimeter and Area of Square, Rectangle, Triangle, Circle, Composite shape

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

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

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')

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

- 20.** Angles – at a point & on a straight line, Triangle

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

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

- 22.** Averages – Mean, Median, Mode and Range

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

- 23.** Bearings

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

- 24.** Scatter graph & Correlations:

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)

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:

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

- 27.** Speed distance Time and Graph:

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

https://www.transum.org/Maths/Activity/Travel_Graphs/

- 28.** Simultaneous Equations

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

- 29.** Standard form

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

- 30.** Quadratic sequence Nth term (Level- 1-3):

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

31. Changing the subject:

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

32. Gradient of the line:

<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>

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.

