

# 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/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)  
[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/PercentageChange.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/PercentageChange.asp?Level=1)
4. Negative numbers – Adding, Subtracting, Multiplying & Dividing  
[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  
<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](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](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](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)  
[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. Probability  
[https://www.transum.org/Software/Online\\_Exercise/Probability/Default.asp?Level=1](https://www.transum.org/Software/Online_Exercise/Probability/Default.asp?Level=1)
11. Metric Units – Length, Weight, Volume & Time  
<https://mathsmadeeasy.co.uk/ks3-revision/ks3-understanding-mixed-metric-units/>
12. Rounding – to given significant numbers, to given decimal places  
[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/RoundingDP.asp](https://www.transum.org/software/SW/Starter_of_the_day/Students/RoundingDP.asp)
13. Algebra – Simplifying & Substitution

[https://www.transum.org/Maths/Activity/Algebra/Collecting\\_Like\\_Terms.asp](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/Software/SW/Starter_of_the_day/Students/Algebraic_Notation.asp)

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Brackets.asp?Level=3](https://www.transum.org/software/SW/Starter_of_the_day/Students/Brackets.asp?Level=3)

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Equations.asp](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/Factorising.asp)

**14. Shapes- Properties & Symmetry (Rotational & Lines of symmetry)**

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

**15. Shapes – Perimeter and Area of Square, Rectangle, Triangle, Circle**

[https://www.transum.org/software/sw/starter\\_of\\_the\\_day/students/Oblongs.asp](https://www.transum.org/software/sw/starter_of_the_day/students/Oblongs.asp)

**16. 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/Surface_Area.asp)

[https://www.transum.org/Software/SW/Starter\\_of\\_the\\_day/Students/Volume.asp](https://www.transum.org/Software/SW/Starter_of_the_day/Students/Volume.asp)

**17. Transformation – Rotation. Reflection, Enlargement, Translation**

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Transformations/Draw.asp](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’)**

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/AngleParallel.asp](https://www.transum.org/software/SW/Starter_of_the_day/Students/AngleParallel.asp)

**19. Angles – at a point & on a straight line**

[https://www.transum.org/Software/SW/Starter\\_of\\_the\\_day/Students/AnglePoints.asp](https://www.transum.org/Software/SW/Starter_of_the_day/Students/AnglePoints.asp)

**20. Angles – Interior and Exterior angles of Polygon**

[https://www.transum.org/software/Online\\_Exercise/PolygonAngles/Regular.asp](https://www.transum.org/software/Online_Exercise/PolygonAngles/Regular.asp)

**21. Averages – Mean, Median, Mode and Range**

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Averages.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/Averages.asp?Level=1)

**22. Bearings**

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

**23. Graphs – Pie charts & Bar charts (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/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/Reading_Graphs_and_Charts.asp)

**24. Indices:**

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Indices.asp?Level=1](https://www.transum.org/software/SW/Starter_of_the_day/Students/Indices.asp?Level=1)

**25. Simultaneous Equations**

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Simultaneous\\_Equations.asp](https://www.transum.org/software/SW/Starter_of_the_day/Students/Simultaneous_Equations.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/>

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

Try to challenge yourself by doing HIGHER levels on Transum.