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 **Handout 13: Mathematical word root detective – match the words with the card that helps unlock their meaning**

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| unit, uniform | uni = one  |
| bisect, binomial | bi = two |
| triangle, triple, trillion | tri = three |
| quadrangle, quarter, quartile | quad = four |
| pentagon, pentagram | pent = five |
| hexagon | hex = six |
| heptagon | hept = seven |
| octagon, octahedron | octa = eight |
| nonagon, nonahedron | non = 9 |
| decimal, decagon | dec = ten |
| centimetre, centilitre | cent = hundred |
| polygon, polyhedra | poly = many |
| equivalent, equilateral, equals | equi = the same as |
| intersection, interquartile | inter = cut across/between |
| polygon, octagon, pentagon, decagon | gonia = angle |
| polyhedron, octahedron, tetrahedron | hedra = face of a geometrical solid |
| concentric, excentric | centric = centre |
| concave, convex, concentric | con = with |

(Adapted from material developed by the Maths department, Cardinal Heenan School, Liverpool)