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| **Literacy**  bisector, angle, SSS,SAS,ASA, perpendicular, radius | **Research**  **Constructions Homework**  Write a paragraph about the “angle trisection problem”. | **Memory**  A perpendicular bisector splits an angle in two such that there is a right angle between the original line and the bisector line.  A line bisector splits an angle into two equally sized angles. | | |
| **Skills**   1. In your books construct triangles (using a pair of compasses) with side lengths    1. 3, 4 and 5 cm.    2. 7, 6 and 8 cm. 2. Bisect the line below. 3. Bisect the angle below. | | | **Stretch**  Construct the following using a pair of compasses as accurately as possible. I suggest you use 5cm for the radius of the circle. Marks are awarded for accuracy and presentation. |