Gulf English School Term 3 Year 7 Mathematics

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| TOPICS: Angles in Parallel Lines; Coordinates  |

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| **Themes:** Multiply and divide by decimals, dividing by transforming to division by an integer, by two digits.Understand the effect of multiplying a positive number by a decimal less than 1’***.*** ***-***Convert between large and small whole number metric units. Use the standard conventions for labelling the sides and angles of triangle ABC. Apply the properties of angles at a ***point;*** apply the properties angles at a point on a straight line. Identify properties of, and describe the results of: translations, reflections, rotations.  | Level: Year 7 |
| **Objectives:** To develop knowledge of angles and apply angle facts to deduce unknown angles; Be able to read and plot coordinates. |

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| Focussing Questions | Key Words |
| **Angles in Parallel Lines*** What are parallel lines?
* What are corresponding angles?
* How do you recognise corresponding angles?
* What are alternate angles?
* How do you recognise alternate angles?
* What are co-interior angles?
* How do you recognise co-interior angles?

**Coordinates*** Read and interpret coordinates in ALL quadrants
* Plot coordinates

**Revision** * Which topics do you need help with?
* Do you use myimaths.com to help with revision?
 | Divisor, Dividend, Quotient, RemainderFactorShort divisionLong divisionOperationEstimateLength, distanceMass, weightVolumeCapacityMetre, centimetre, millimetreTonne, kilogram, gram, milligramLitre, millilitreHour, minute, secondInch, foot, yardPound, ouncePint, gallonDegreesRight angleAcute angleObtuse angleReflex angleProtractorVertically oppositeGridAxis, axes, x-axis, y-axisOrigin, QuadrantCoordinates PointTranslationReflectionTransformationObject, ImageCongruent, congruence | Explaining wordsTo convert to simplest form…You must only multiply or divide ….The definition of a supplementary angle is….The properties of the right, acute, obtuse and reflex are….We can draw symmetrical shapes….We can identify and draw a congruent shapes. |