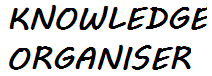


***VIDEO(S): Collecting data:392-403, 872-873 displaying data: 422-432***



MATHS

**Unit: 8 Statistics-Y10/11 Athena**

|  |  |  |
| --- | --- | --- |
| **Key Vocabulary**  1.Interpret  Explain the meaning of.  2.Information  Knowledge or facts  3. Popular  Widely liked and admired.  4. Record  Put in writing  5. Data  Information consisting of observations, measurements or facts.  6. Construct  Build or put together.  7. Symbol  A sign or thing that stands for something else.  8. Represent  Act as a delegate or substitute for 2. Stand for |  | **WAGOLL**  **Complete a tally chart**  Image result for google complete a tally chartbasketball hockey soccer hockey soccer gymnastics basketball soccer basketball soccer hockey gymnastics soccer hockey hockey basketball hockey  **A tally chart uses marks to represents frequencies. These marks are ‘bunched’ into fives. Each l represents 1.**  **Represents 5.**  **Complete a pictogram**  A **pictogram uses a picture to represent frequency.**  See the source image  **Construct a pie chart**    **Complete a bar chart** See the source image**A bar chart uses height of bars**  **To represent frequency.** |
|  |  |
| **Key Facts & Formulas**  **Pie chart**  **Step 1: Calculate total frequency by adding all groups together.**  **Step 2: Take each number and divide it by total then multiply by 100.**  **STEP 3: Draw a circle with a radius.**  **Step 4: Measure and draw each section with a protractor.**  **Pictogram**  **The most important part of a pictogram is the KEY.**  **It tells you how much each symbol is worth.**  **Tally chart**  **Remember to cross off each piece of data. Record it using the five bar gate. This makes it easier to**  **read the frequency.** |  |