

For the scenario below identify the entities, their attributes and appropriate keys

Entity

Attribute

Primary Key

The Angel Warehouse

The Angel Warehouse stores items for its parent company. The warehouse is organised into **bays**, which are storage areas, but the **items** themselves are stored in **bins**. Each **bay** contains a **number of bins**. Each **bay** is identified by a **unique bay number** and the **bay location** and the **height of the bay are recorded**. **Each bin has a different number** within the bay, always starting with bin no. 1, and while some bays have only 5 bins some have over 50. The **size of each bin** is recorded.

Some bays have a **parking spot** for one **fork lift** to help move items round the warehouse and lift **items** into bins. **Each fork lift is allocated to a bay**. **Each fork lift has a unique equipment number** and the **maximum carrying weight** of the fork lift needs to be known. **Some fork lifts are petrol driven while some are electric**.

For all **bins** the **maximum loaded weight** must be known.

When an **item** is taken into the warehouse it is **assigned a unique number** and the **date** is recorded as well as the **item weight**. **Bins** can store a **number of items** and when an **item** is put in a **particular bin this date** is also recorded. **Items** can be moved back and forth between **bays** and **bins** to optimise the warehouse storage.