科目及單元：國一數學(三視圖)/學習單 日期：110/11/23

班級： 座號： 姓名：

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| ◎立體概念(生活應用)  請各位同學看看以下二張照片，說說看為什麼會這樣？   |  |  | | --- | --- | |  |  | | 圖一 | 圖二 |   其實除了攝影我們會用到立體的概念外，我們在製作東西的時候，也會用到立體的概念。   |  | | --- | |  | | 圖三 | |  | | 圖四 |   ◎實物觀察：牛奶盒。  ◎請你跟我這樣做  請同學依照下面的圖示，運用彩色積木組合一模一樣的形狀。   |  |  |  | | --- | --- | --- | |  |  |  | | 1.從**前面**看過去 | 2.從**上面**看下去 | 3.從**右邊**看過去 |  |  |  |  | | --- | --- | --- | |  |  |  | | 1.從**前面**看過去 | 2.從**上面**看下去 | 3.從**右邊**看過去 |   ◎三視圖  概念：透過統一規定的三個方向，針對某一個立(方)體進行觀察，描繪出所看到的平面圖(通常是 、 、 )。  ◎練習  例題1   |  |  |  | | --- | --- | --- | |  |  |  | | 前視圖 | 上視圖 | **右**視圖 |   例題2   |  |  |  | | --- | --- | --- | |  |  |  | | 前視圖 | 上視圖 | **右**視圖 |   練習1   |  |  |  | | --- | --- | --- | |  |  |  | | 前視圖 | 上視圖 | **右**視圖 |   練習2   |  |  |  | | --- | --- | --- | |  |  |  | | 前視圖 | 上視圖 | 右視圖 |   練習3   |  |  |  | | --- | --- | --- | |  |  |  | | 前視圖 | 上視圖 | 右視圖 |   練習4   |  |  |  | | --- | --- | --- | |  |  |  | | 前視圖 | 上視圖 | 右視圖 |   練習5   |  |  |  | | --- | --- | --- | |  |  |  | | 前視圖 | 上視圖 | 右視圖 |   ◎立體概念應用於我們的生活。 |