

**DATE/DAY** : 28 OCT 2021 (THURSDAY)  
**TITLE** : COORDINATES , RATIO AND PROPORTION  
**CONTENT STANDARDS** : Problem solving  
**LEARNING STANDARDS :** 7.4.1  
**PERFORMANCE STANDARDS** : Solving routine problems involving coordinates, Ratio and proportions  
**LEARNING OBJECTIVES :** Students can solve problems involving coordinates, ratios and proportions in daily situations.

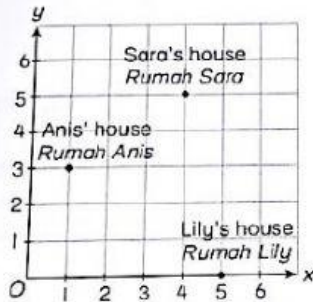
**REFERENCES** : **MATHEMATICS TEXTBOOK YEAR 5 PAGE 244 - 246**

**NOTES / EXAMPLES :**

# Problem Solving/ Penyelesaian Masalah

Solve the following problems. LS7.4.1 **PL4 PL5**  
 Selesaikan masalah berikut.

1. The diagram shows a Cartesian plane.  
 Rajah di bawah menunjukkan suatu satah Cartes.



- (a) State the coordinates of Lily's house.  
 Nyatakan koordinat bagi rumah Lily.

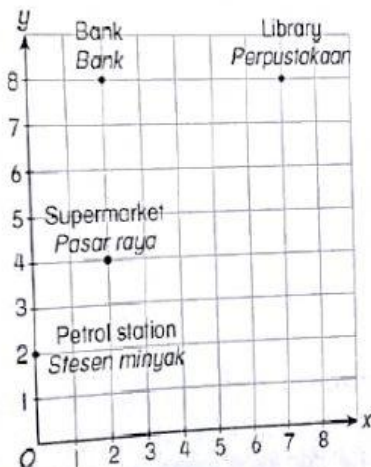
- (b) Calculate the horizontal distance and the vertical distance from Anis' house to Sara's house.  
 Hitung jarak mengufuk dan jarak mencancang dari rumah Anis ke rumah Sara.



- (c) If each unit represents 0.5 km, what is the distance, in km, from Lily's house to Anis' house?

Jika setiap unit mewakili 0.5 km, berapakah jarak, dalam km, dari rumah Lily ke rumah Anis?

3. Encik Naim is at the petrol station. He then drives to the library.  
 Encik Naim berada di stesen minyak. Kemudian dia memandu ke perpustakaan.



- (a) State the horizontal distance and the vertical distance from the petrol station to the library.  
 Nyatakan jarak mengufuk dan jarak mencancang dari stesen minyak ke perpustakaan.



- (b) The distance from the library to the supermarket passing by the bank is 13.5 km. What is the distance, in km, from the bank to the supermarket?  
 Jarak dari perpustakaan ke pasar raya melalui bank ialah 13.5 km. Berapakah jarak, dalam km, dari bank ke pasar raya?