Name: .... Class: ....
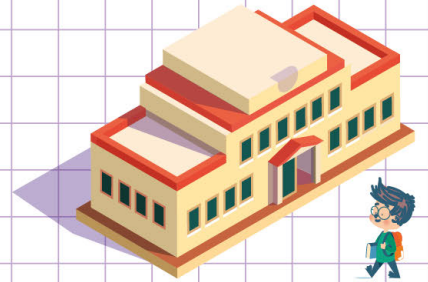
Coordinate planes as maps

Study the graph below and answer the questions that follow.

```
y-axis
8 •  Staff room      • domitory
7                         • Libray
6
5
    Principal's office
4 •                  • Canteen
3
2                    • Refectory    • Classroom
1
  0
    1   2   3   4   5   6   7   8    x-axis
```

a. What is the distance in units from the library to the classroom?

b. What is the distance in units from the canteen to the principal's office

c. What is the distance in units from the refectory to the domitory

d. What is the distance in units from the refectory to the classroom

e. What is the distance in units from the staffroom to the principal's office

mathskills4kids

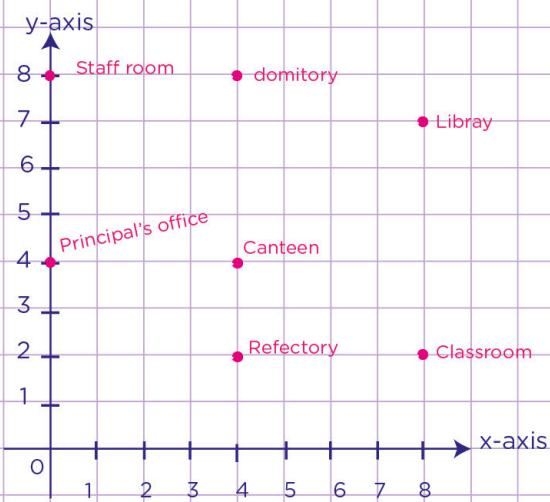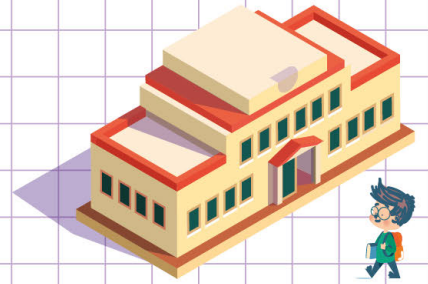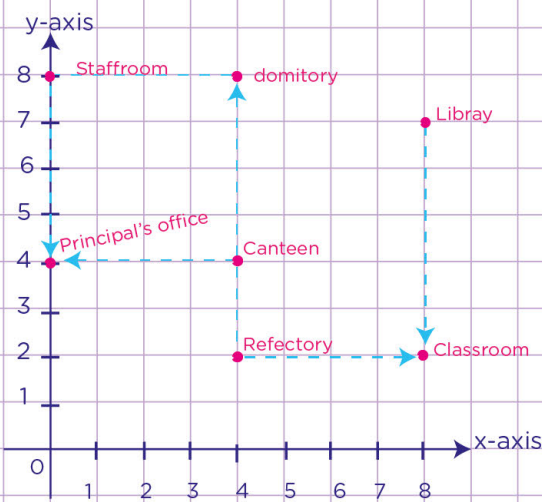Name: .... Class: ....

Coordinate planes as maps

Study the graph below and answer the questions that follow.

a. What is the distance in units from the library to the classroom?

Let's start at the point where we have the library

Then count the number of units you'll move from the library to the classroom,

You see that from the library to the classroom, we move downwards 5 units.

So, the distance from the library to the classroom is 5 units

b. What is the distance in units from the canteen to the principal's office

You see that from the canteen to the principal's office, we move to the left 4 units.

So, the distance from the canteen to the principal's office is 4 units

c. What is the distance in units from the refectory to the domitory

You see that from the refectory to the domitory, we move 6 units upwards.

So, the distance from the refectory to the domitory is 6 units.

d. What is the distance in units from the refectory to the classroom

You see that from the refectory to the classroom, we move 4 units right.

So, the distance from the refectory to the library is 4 units.

e. What is the distance in units from the staffroom to the principal's office

You see that from the staffroom to the principal's office, we move 4 units downwards.