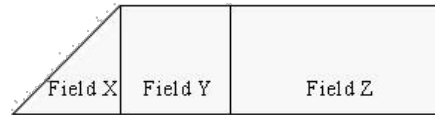


Area of 3 fields

This task is about working out area and perimeter.

Tim has some animals that he keeps in three different sized fields.



Field Y is a square with an area of 100 m^2 .

a) The area of Field X is half the area of Field Y.

What is the area of Field X? m^2

b) The area of Field Z is two times the area of Field Y.

What is the **total area** of the three fields? m^2

c) Tim decides to put a new fence around Field Y.

To help Tim work out how much fencing he needs, work out the perimeter of Field Y.

The perimeter of Field Y is m