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 X | Field Y | Field Z |
|---------|---------|---------|

Field Y is a square with an area of 100 m².

| a) The area of Field X is half the area of Fi | eld | Υ. |
|---|-----|----|
|---|-----|----|

What is the area of Field X?

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

What is the **total area** of the three fields?

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

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