Who do you think is correct? All of them are cor
(Fig. 5.9). Then, why are their observations different? T
are locating the distances of the school and garden from th
houses. If, instead, each of them had thought of distan
from a same object or point, say, the bus stand, then th
observations would have been the same.

When distance is stated with respect to a fixed objec
point, then this point is called a **reference point.**

A few days later, Hardeep tells his friends excite
"Let us all go to the playground. The sports teacher wa
us to help her to draw lines with *chuna* powder (limesto
powder) for making the Kabaddi court for the sports da

Padma: "We will need a longer measuring tape. Let
take it from the sports room." (Fig. 5.10)

Deepa: "Let us first decide the point on the groun
from which we will measure the distances to sta
drawing the lines. Let us call this our referenc
point." (Fig. 5.11)
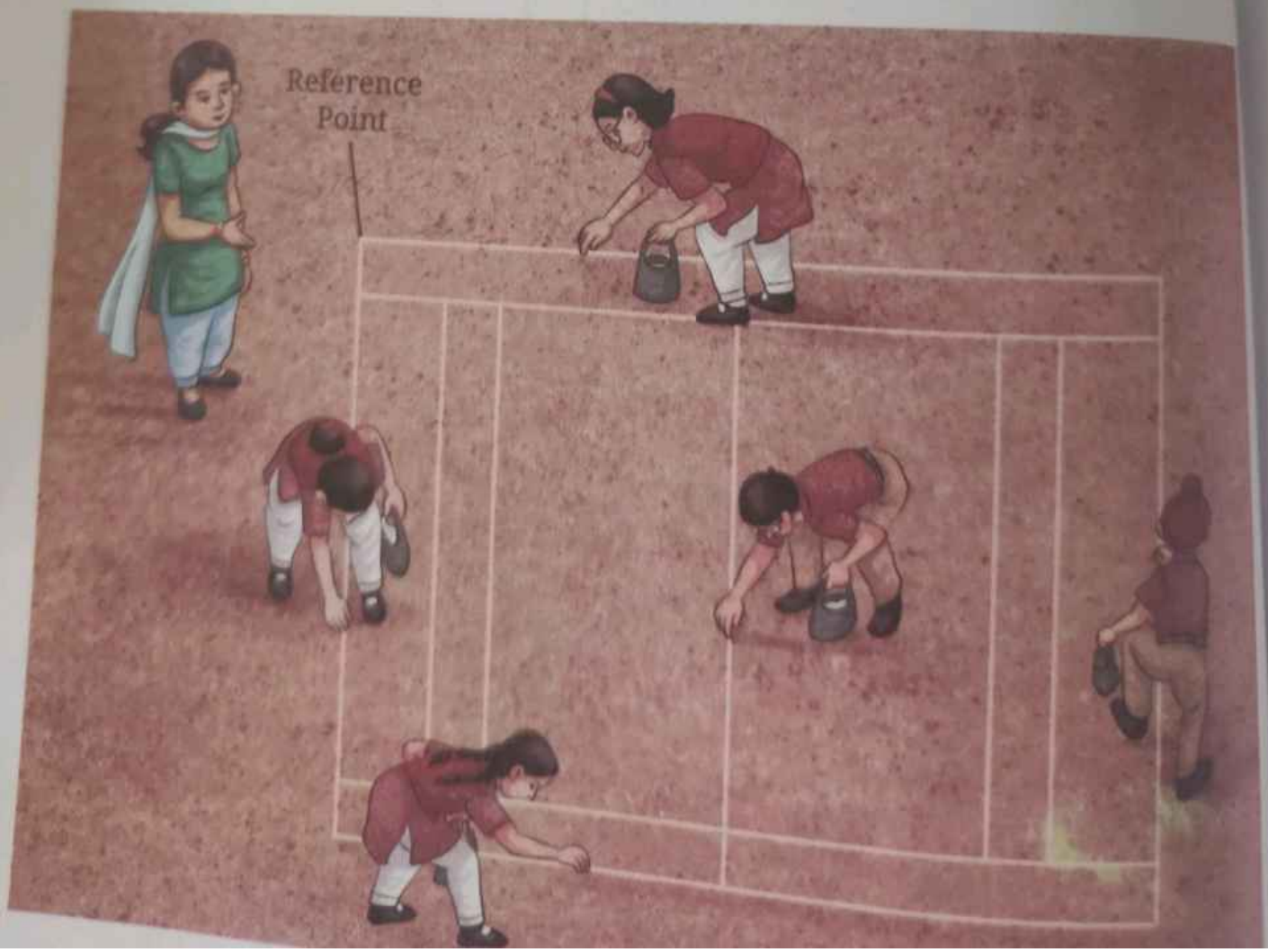
Fig. 5.10:
A measuring tape