

# ***M4 = 31 days to go!***

6 ABCD is a square of side 6 cm.

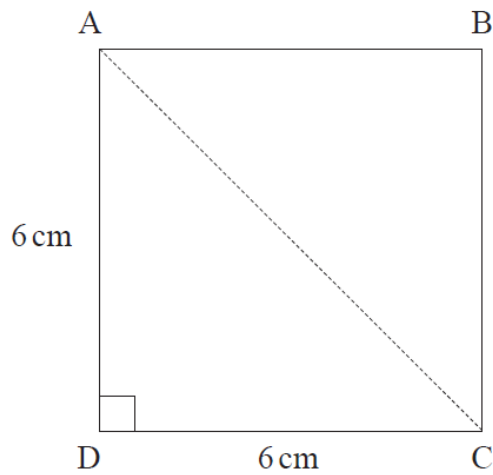


diagram not drawn  
accurately

How much longer is AC than AD?

**You must show all your working.**

2. There are 180 employees in a school.



The table shows the number of each type of employee in the school.

Teachers	Teaching Assistants	Admin	Other
94	16	41	29

(a) A stratified sample of size 50 is required.

Calculate the number of each type of employee that should be chosen.