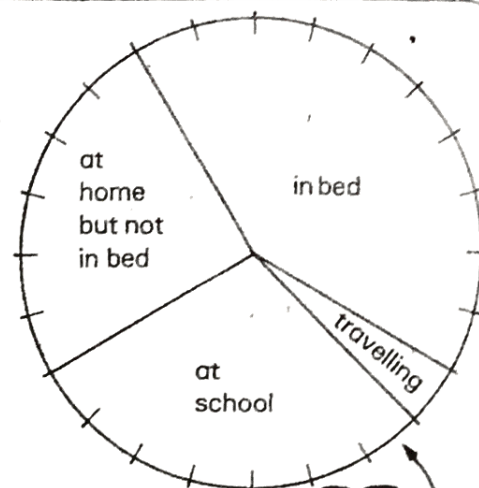


**A**

Sharon's timetable	
Got up	08.00
Left the house	08.30
Arrived at school	09.00
Left the school	16.00
Arrived home	16.30
Went to bed	22.00

← This timetable and this pie chart both show how Sharon spent 24 hours on a Monday in term time.

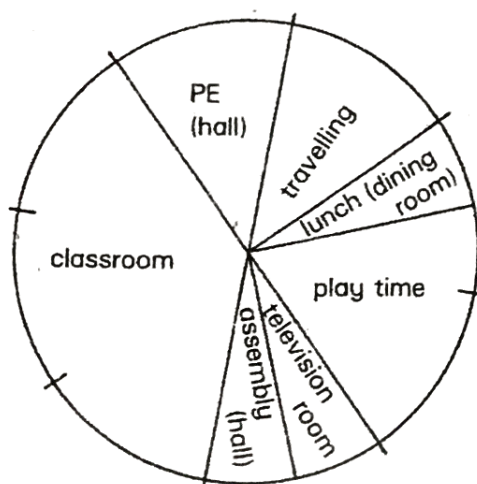


- Work out from the timetable how long altogether she spent:
 - at school $7h$
 - travelling $1h$
 - in bed $10h$
 - at home but not in bed. $6h$
- Look carefully at the pie chart to check your answers.
- What fraction of the day was she:
 - at school? $\frac{7}{24}$
 - travelling? $\frac{1}{24}$
 - in bed? $\frac{10}{24}$ or $\frac{5}{12}$
 - at home but not in bed? $\frac{6}{24}$ or $\frac{1}{4}$
- How many hours was Sharon out of the house? 8
 - What fraction of the day was she out of the house? $\frac{8}{24}$ or $\frac{1}{3}$

The pie chart is divided into hours.

B

This pie chart shows how Sharon spent the 8 hours she was out of the house. Look carefully to see how it is divided up.



- How many hours was she:
 - in the classroom? $3h$
 - in the TV room? $\frac{1}{2}h$
 - in the playground? $1\frac{1}{2}h$
 - in the hall? $1\frac{1}{2}h$
- What fraction of the time was she:
 - travelling? $\frac{1}{8}$
 - in the classroom? $\frac{3}{8}$
 - at lunchtime and playtime together? $\frac{1}{4}$
 - in lessons? $\frac{4}{8}$ or $\frac{1}{2}$
 - in assembly? $\frac{1}{16}$
- ~~Make a pie chart of the way you spend your time from 08.00 to 16.00 for:~~
 - a school day
 - a Saturday.

Work to the nearest $\frac{1}{2}$ hour.

Ask your teacher for the sheet 'Pie charts'.