

## A Maths Question, PSLE 2017

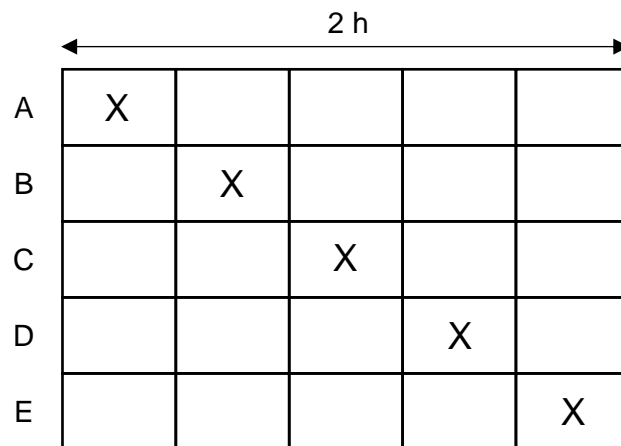
(Paper 2, Q5)

A group of 5 boys booked a badminton court to play for 2 hours. If 4 boys can play at any time one time, what is the average time that each boy gets to play? Give your answer in hours and minutes.

<< Average >>

<Diagram>

Out of the 5 boys, A, B, C, D and E, 1 boy can't play always. As such non-playing time will come to each of the boys in equal duration, we can divide 2 hours into 5 equal time-frames as shown in the diagram.



<Writing>

$$2 \text{ h} \times \frac{4}{5} = 1 \frac{3}{5} \text{ h}$$

$$\frac{3}{5} \times 60 \text{ min} = 36 \text{ min}$$

$$1 \text{ h} + 36 \text{ min} = 1 \text{ h } 36 \text{ min}$$

Answer 1 hour 36 minutes