1. Nov/2020/Paper_11/No.6

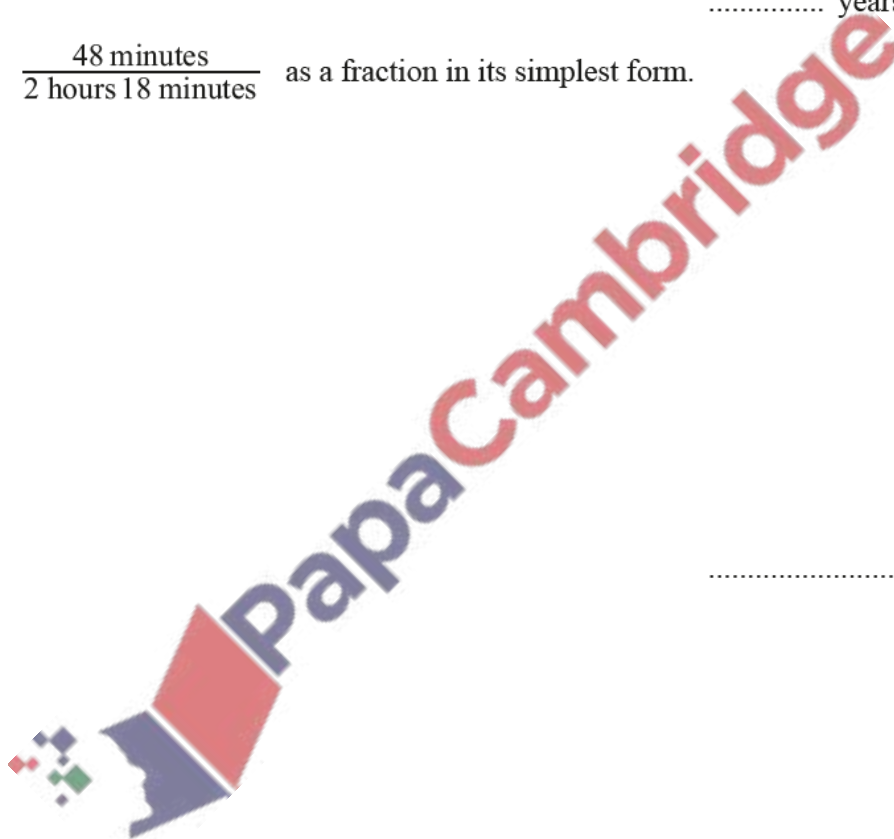   **(a)** Mariah's age is 17 years 5 months.
   Her brother is 20 months younger.
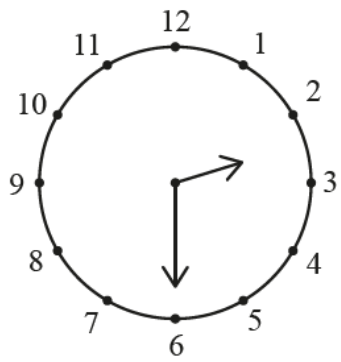
   Find the age of her brother.

   .... years .... months **[1]**

   (b) Write $\dfrac{48 \text{ minutes}}{2 \text{ hours } 18 \text{ minutes}}$ as a fraction in its simplest form.
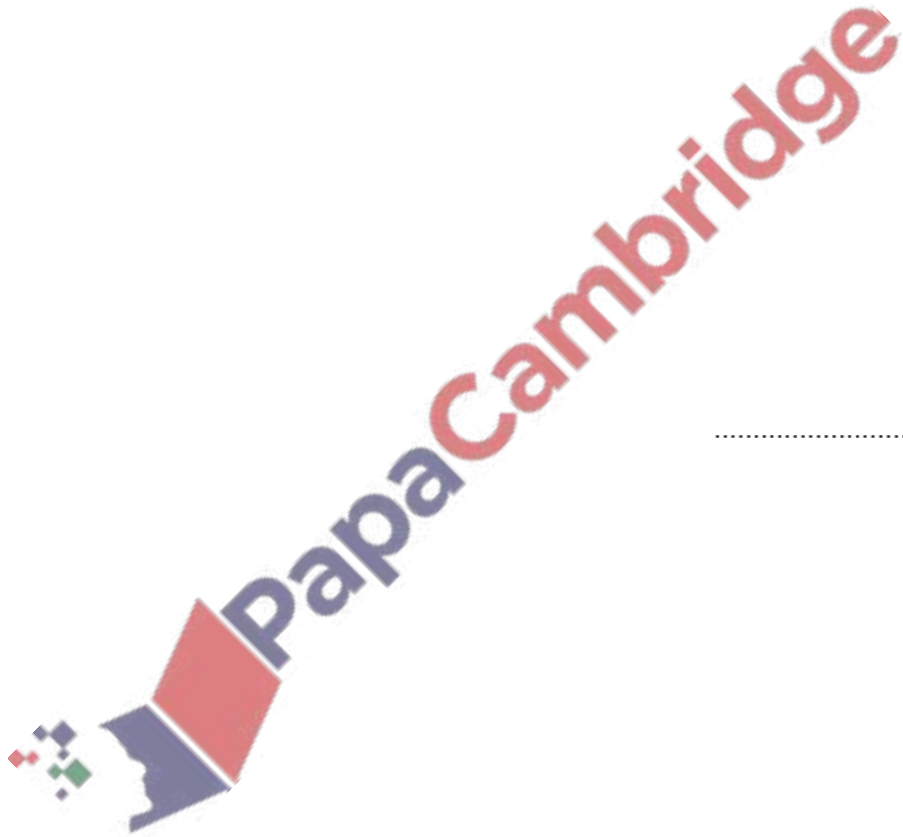
   .... **[2]**

NOT TO
SCALE

In the diagram, the time on the clock is 2.30 pm.

Calculate the **reflex** angle between the two hands of the clock.

.... [2]

(a) Bilal goes for a cycle ride.
He starts at 3 pm.
He finishes at 5.38 pm.
He has a total of 25 minutes rest during the ride.

Work out how long, in hours and minutes, he spends cycling.

.... hours .... minutes [1]

(b) Sonia walks to her aunt's house.
She leaves home at 10 25.
She walks a total of 12 km at an average speed of 5 km/h.

Work out the time Sonia arrives at her aunt's house.

.... [3]