$\sqrt{7 \times 7 \times m \times m} = r$

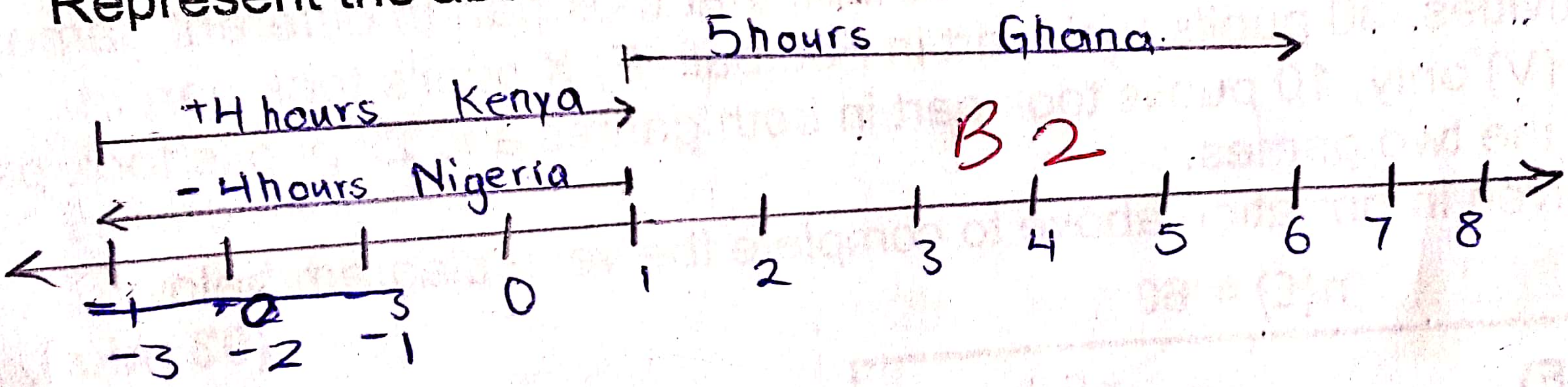
$7m = r$

Radius = 7m

A

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**



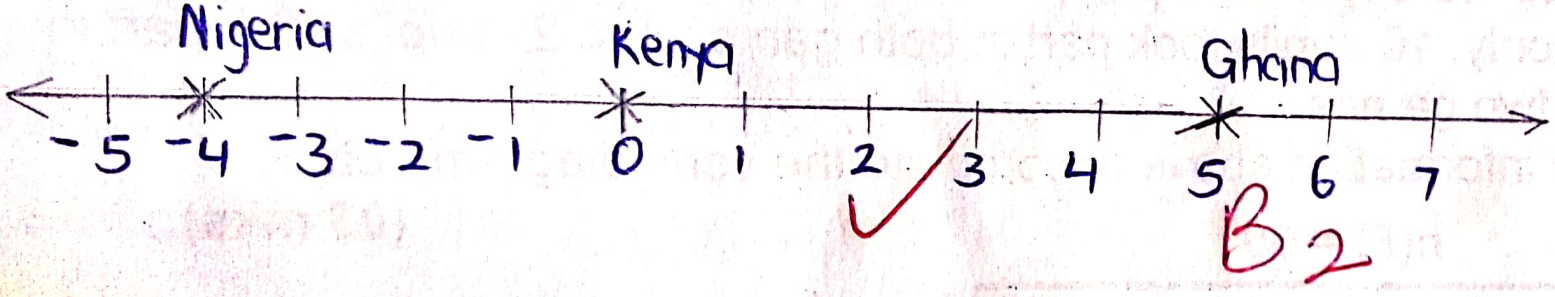
$C = \pi D$

$= \frac{22}{7} \times (7m + 7m)$

$= \frac{22}{7} \times 14m$

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**

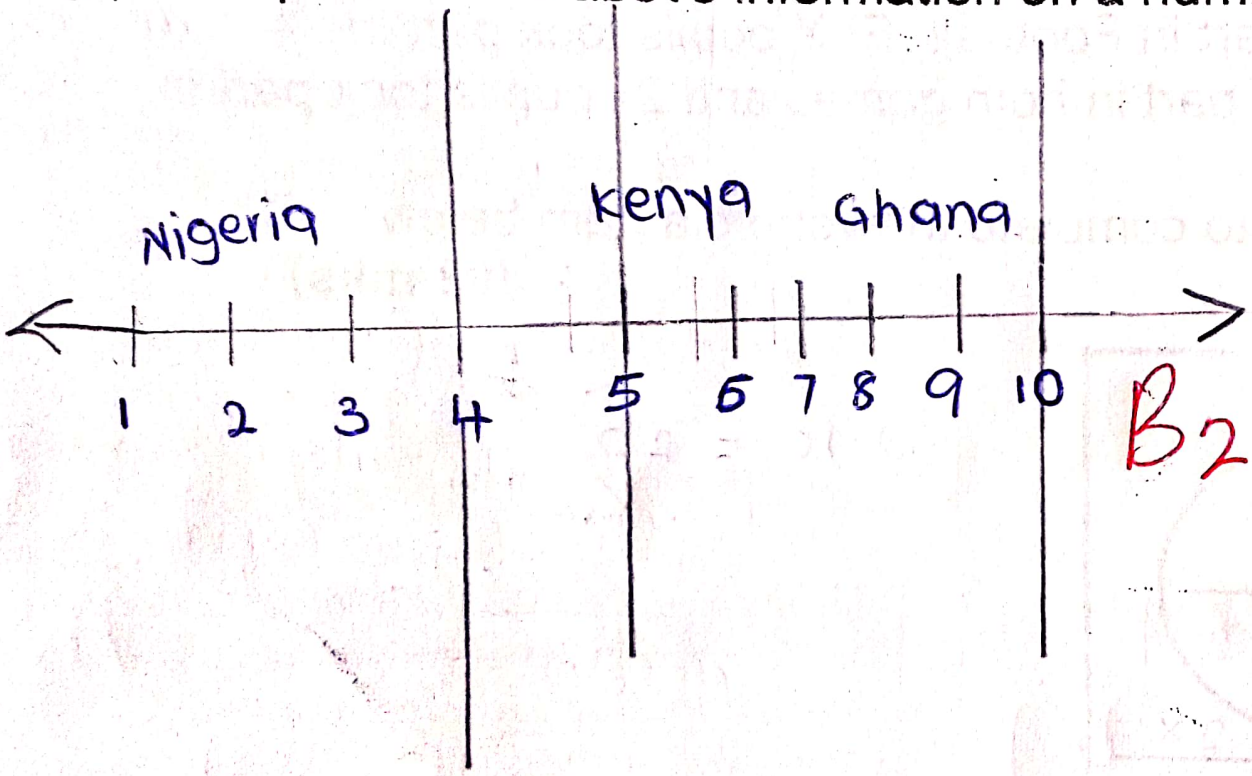


B2

7m = 7000 mm

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

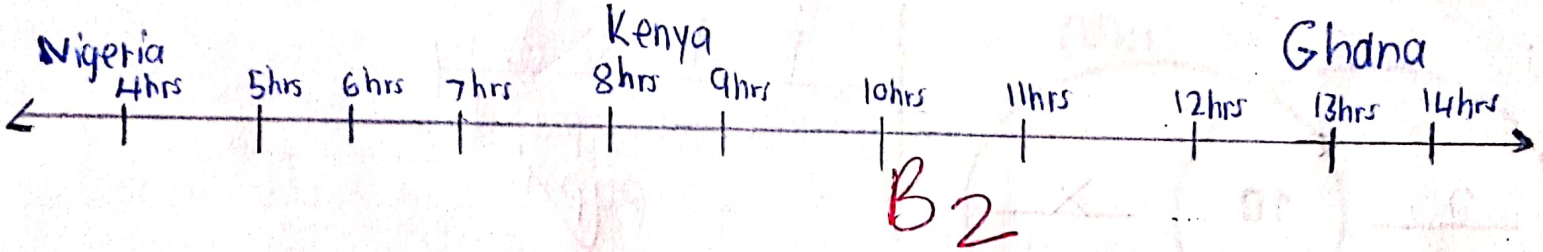
(a) Represent the above information on a numberline. **(2 mks)**



B2

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**

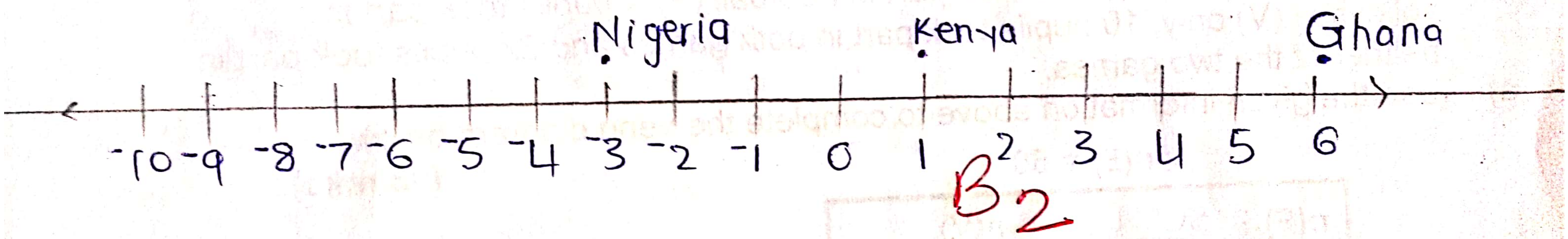


$= 44\,m$

$\sqrt{7 \times 7 \times m \times m} = r$

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**



Radius = 7m m

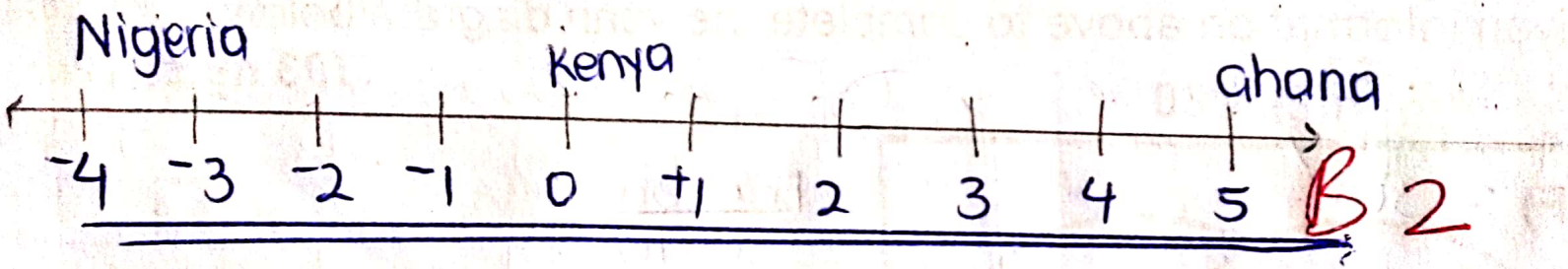
D = R x 2
= 7m x 7

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**

Let the time in Kenya be n

Nigeria	Kenya	Ghana
n-4	n	n+5



$7m = r$ M1

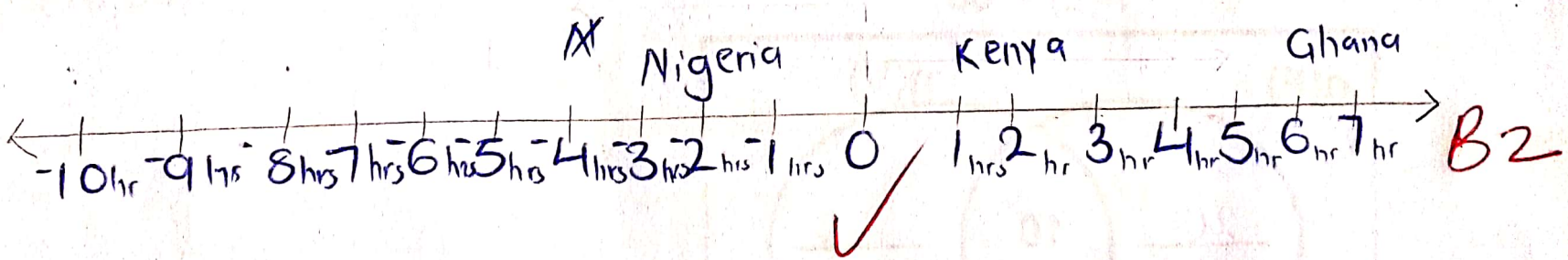
$C = \pi D_2 m$ M1

$= \frac{22}{7} \times 14m$

$= 44m$ A1

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**

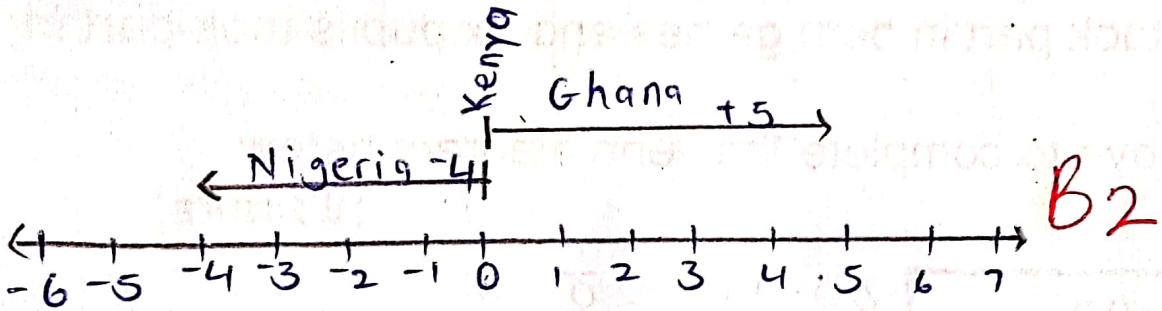


B2

Radius = 7m A1

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**



B2

$\sqrt{49m^2} = r$?

~~49m = r~~

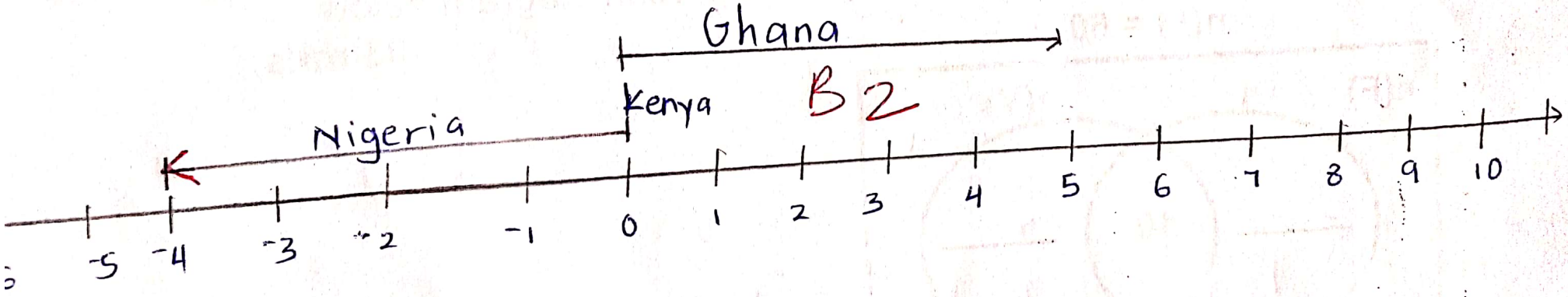
$\sqrt{7 \times 7 \times m \times m} = r$

$7m = r$ A1

Radius = 7m

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**



$7 \times 7m^2 = r^2$ ✓

$\sqrt{49m^2} = \sqrt{r^2}$

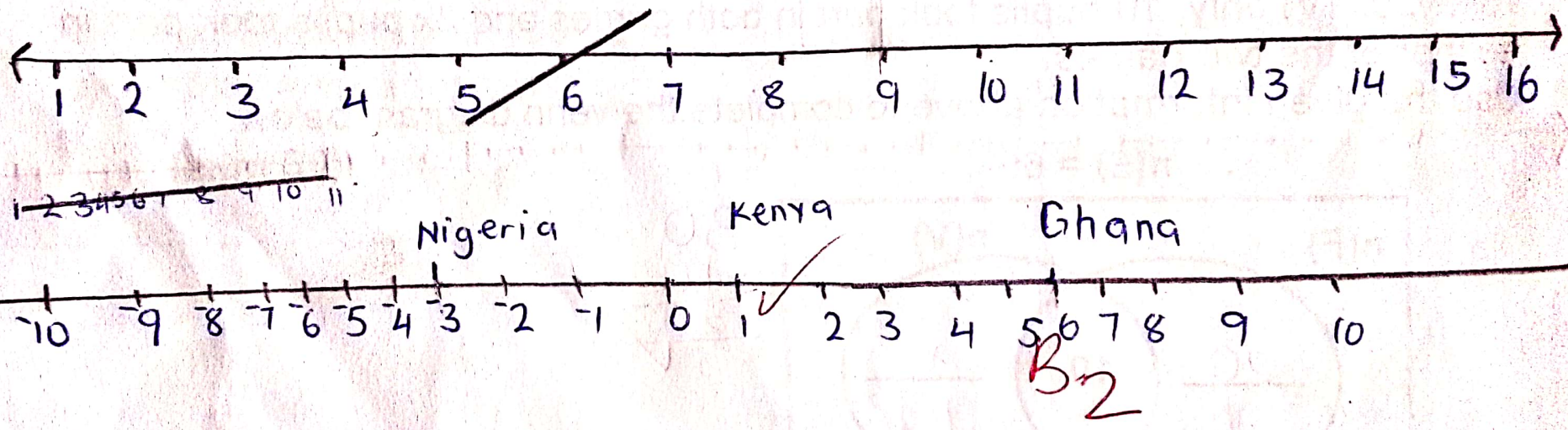
$= 7m \times 2$

$= 14m$ ✓

$= 44m$ A

24. The time in Nigeria is 4 hours behind the time in Kenya and the time in Ghana is 5 hours ahead of time in Kenya.

(a) Represent the above information on a numberline. **(2 mks)**



B2