UJIAN SUMATIF 2021

TINGKATAN 3 November 2021

Mathematics

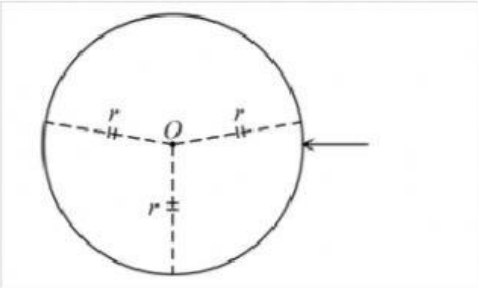
NAMA/NAME: _____

CLASS/KELAS: _____

SECTION B/ BAHAGIAN B
ANSWER ALL THE QUESTIONS/ JAWAB SEMUA SOALAN

QUESTION 1/ SOALAN 1

Isikan tempat-tempat kosong.
Fill in the blanks.



(a) Bulatan ialah satu set titik yang _____ (r) dari satu _____ (O).
A circle is a set of points _____ *(r) from a* _____ *(O).*

(b) Lokus bagi titik T bergerak pada suatu jarak _____ dari _____ (O).
The locus of point T moving at a _____ *distance from the* _____ *(O).*

[4 *markah*/4 *marks*]

QUESTION 2/ SOALAN 2

Lengkapkan langkah-langkah berikut dengan mengisi petak-petak kosong dengan jawapan yang betul.
Complete the steps below by filling in the boxes with the correct answers.

$$\left(1.3 \div \sqrt[3]{3\frac{3}{8}}\right)^2$$

$$= \left(1.3 \div \sqrt[3]{\frac{\square}{8}}\right)^2$$

$$= \left(1.3 \times \frac{\square}{\square}\right)^2$$

$$= \square$$

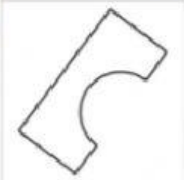
[4 *markah*/4 *marks*]

LIVEWORKSHEETS

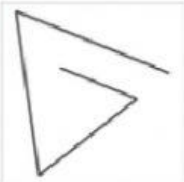
QUESTION 3/ SOALAN 3

i. Nyatakan sama ada setiap rajah yang berikut adalah poligon.
State whether each of the following diagrams is a polygon.

(a)



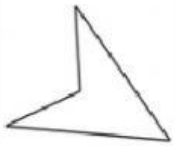
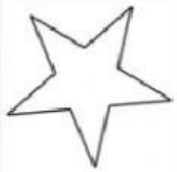
(b)



[2 *markah*/2 *marks*]

Jawapan/*Answer:*

ii. Nyatakan sama ada setiap rajah yang berikut adalah poligon. Bulatkan jawapan anda.
State whether each of the following diagrams is a polygon. Circle your answers.

			
Ya *Yes*	Tidak *No*	Ya *Yes*	Tidak *No*

[2 *markah*/2 *marks*]

QUESTION 4/ SOALAN 4

Diagram 9(a)(i) shows a circular speedometer with a diameter of 54 cm.
Rajah 9(a)(i) *menunjukkan sebuah meter laju berbentuk bulatan dengan diameter* 54 cm.

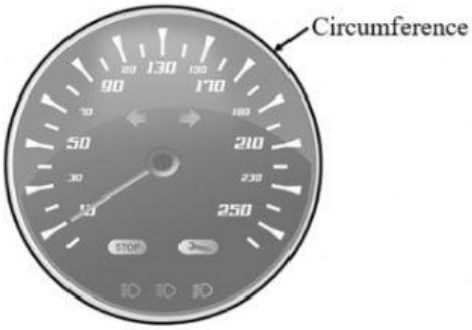


Diagram 9(*a*)(i)
Rajah 9(*a*)(i)

Find the circumference, in cm, of the speedometer.
Cari lilitan bulatan, dalam cm, *bagi meter laju tersebut.*
[Use/Guna $\pi = \frac{22}{7}$]

[2 marks/*markah*]

Lilitan bulatan/ Circumference =

LIVEWORKSHEETS

QUESTION 5/ SOALAN 5

Selesaikan tiap-tiap persamaan berikut :

(a) $2n = 3n - 4$.

n=

(b) $2k = \frac{3 - 7k}{5}$.

k=

6 markah

SECTION C/ BAHAGIAN C
ANSWER ALL THE QUESTIONS/ JAWAB SEMUA SOALAN

1. Kamal telah memenangi wang hadiah sebanyak RM5 000 dalam satu pertandingan seni lukis. Dia ingin melaburkan wang itu untuk mendapatkan pulangan tinggi.
Kamal has won a cash RM5 000 in an art competition. He want to invest the money to get good return.

Apakah saranan yang boleh diberikan kepada Kamal dalam cara dia melaburkan wangnya?
What are the suggestions can give to Kamal on the way he should invest his money? [10 Markah]

LIVEWORKSHEETS