

LATIHAN TOPIK 2.0 BENTUK PIAWAI

Bahagian A

1. Tentukan bilangan angka bererti bagi nombor 14 007.

Determine the number of significant figures of number 14 007.

- A 2 B 3
C 4 D 5

2. Bundarkan 0.896 betul kepada dua angka bererti.

Round off 0.896 correct to two significant figures.

- A 0.90 B 0.9
C 0.89 D 0.8

3. 235 740 menjadi 236 000 apabila dibundarkan betul kepada n angka bererti. Tentukan nilai n .
235 740 becomes 236 000 when rounded off correct to n significant figures. Determine the value of n .

- A 1 B 2
C 3 D 4

4. Nombor yang manakah dibundarkan kepada dua angka bererti dengan betul?

Which number is rounded off to two significant figures correctly?

	Nombor Number	Nilai pembundaran Rounding value
A	0.0524	0.05
B	0.0673	0.067
C	52 730	52 000
D	64 873	60 000

5. Diberi $325\,000 = 3.25 \times 10^m$, cari nilai m .
Given $325\,000 = 3.25 \times 10^m$, find the value of m .

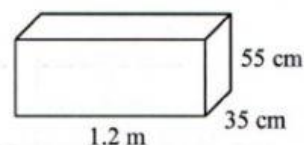
- A 3 B 4
C 5 D 6

6. Dalam bentuk piawai, 0.000764 ditulis sebagai $p \times 10^q$. Antara berikut, yang manakah menunjukkan nilai p dan nilai q dengan betul?

In standard form, 0.000764 is written as $p \times 10^q$. Which of the following shows the values of p and q correctly?

- A $p = 0.764, q = -4$
B $p = 7.64, q = -4$
C $p = 7.64, q = 4$
D $p = 76.4, q = 5$

7. Rajah di bawah menunjukkan sebuah kuboid.
The diagram shows a cuboid.



Isi padu kuboid itu ialah $V \text{ cm}^3$. Ungkapkan V dalam bentuk piawai.

The volume of the cuboid is $V \text{ cm}^3$. Express V in standard form.

- A 0.231×10^6 B 2.31×10^5
C 2.31×10^4 D 23.1×10^4

8. $\frac{1.2 \times 10^{-7}}{0.004} =$

- A 3×10^{-5} B 3×10^{-4}
C 3×10^{-3} D 3×10^{-2}

9. Antara berikut, yang manakah **tidak** benar?
*Which of the following is **not** true?*

	Awalan Prefix	Nombor tunggal Single number
A	mega	1 000 000
B	kilo	1 000
C	mili	0.001
D	nano	0.0000001

Bahagian B

10. Bulatkan bilangan angka bererti yang mungkin bagi setiap yang berikut.
Circle the possible number(s) of significant figures for each of the following.

[4 markah/4 marks]

Jawapan/Answer:

	Nombor Number	Bilangan angka bererti Number of significant figures
(a)	6 900	1 , 2 , 3 , 4
(b)	2.50	1 , 2 , 3 , 4

11. Lengkapkan jadual di ruang jawapan.
Complete the table in the answer space.

[4 markah/4 marks]

Jawapan/Answer:

	Nombor tunggal Single number	Bentuk piawai Standard form
(a)	0.000742	
(b)		5.12×10^{-1}
(c)	5 879	
(d)		3.6×10^5

12. (a) Rajah di bawah menunjukkan perbualan antara Mohan dengan cikgunya.
The diagram shows the conversation between Mohan and his teacher.

Mohan, sila bundarkan tiga nombor ini betul kepada dua angka bererti.
Mohan, please round off these three numbers correct to two decimal places.

Baik, cikgu.
Yes, teacher.



Jadual di ruang jawapan menunjukkan jawapan Mohan. Tandakan (✓) jika jawapan Mohan betul dan (✗) jika tidak betul.

The table in the answer space shows Mohan's answer. Mark (✓) if Mohan's answer is correct and (✗) if it is incorrect.

[2 markah/2 marks]

Jawapan/Answer:

	Nombor Number	Jawapan Mohan Mohan's answer	✓ / ✗
(i)	452 760	450 000	
(ii)	3.00	3.0	

(b) Padankan nombor yang bergaris dalam setiap rajah dengan nombor tunggal yang betul.

Match the underlined number in each diagram with the correct single number.

[2 markah/2 marks]

Jawapan/Answer:

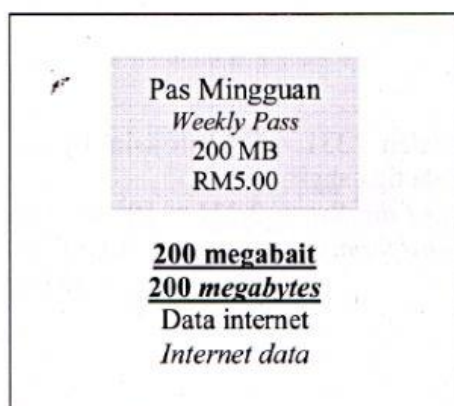
(i)



• 2 000 000 000 000 bait/bytes

• 200 000 000 bait/bytes

(ii)



• 2 000 000 000 bait/bytes