

PENTAKSIRAN PBD

BAB 9 : KIMIA INDUSTRI

9.3 : Polimer

NAMA : _____

KELAS : _____

S.P. 9.3.1 – 9.3.4

1 Rajah berikut menunjukkan sejenis barangan yang diperbuat daripada polimer.

The following diagram shows a type of item made of polymer.



(a) Berikan definisi polimer. **TP1**

Give the definition of polymer.

(b) Berikan **dua** contoh polimer semula jadi dan polimer sintetik. **TP2**

*Give **two** examples of natural polymer and synthetic polymer.*

(i) Polimer semula jadi/ *Natural polymer*

1

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2

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(ii) Polimer sintetik/ *Synthetic polymer*

1

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2

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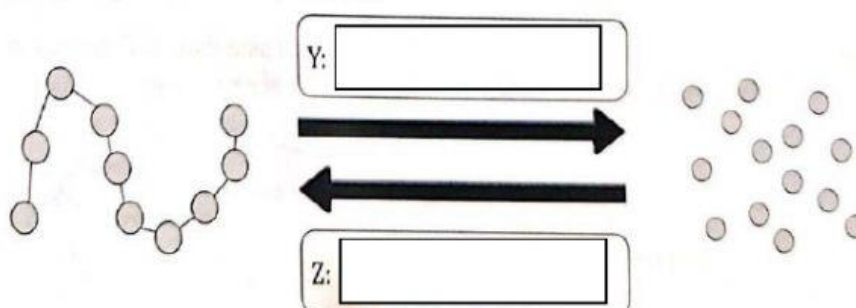
(c) Nyatakan perbezaan antara polimer semula jadi dengan polimer sintetik. **TP4**

State the difference between natural polymers and synthetic polymers.

- 2 (a) Lengkapkan jadual di bawah. **TP3**
Complete the table below.

	Jenis polimer Type of polymer	Monomer Monomer
Polimer semula jadi <i>Natural polymer</i>	Getah Rubber	(i)
	Selulosa Cellulose	(ii)
	(iii)	Glukosa Glucose
	(iv)	Asid amino Amino acid
Polimer sintetik <i>Synthetic polymer</i>	(v)	Etena Ethene
	Polipropilena Polypropylene	(vi)
	Polistirena Polystyrene	(vii)

- (b) Rajah berikut menunjukkan dua jenis proses.
The following diagram shows two processes.



Namakan proses Y dan Z. **TP2**
Name processes Y and Z.