

BAB 6 ASID DAN ALKALI

Aktiviti 3 : Nilai pH dan kekuatan asid dan alkali

Activity 3 : *pH value and strength of acid and alkali*

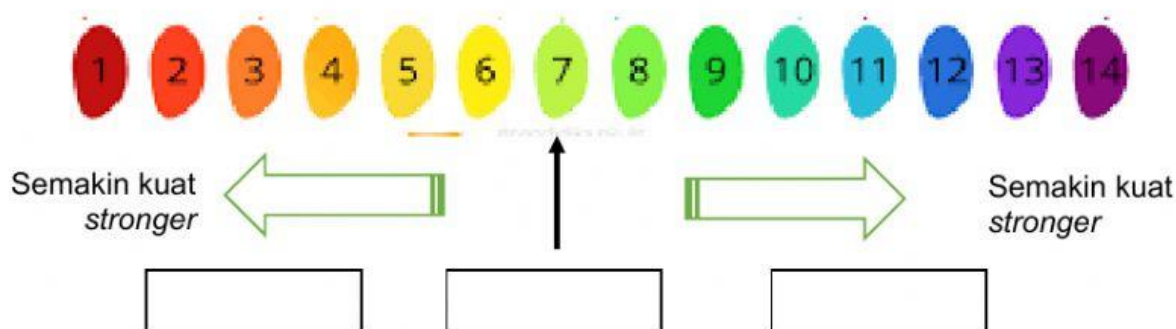
1. Kenal pasti jenis larutan berikut. (*drag and drop*)
Identify the types of solutions.

Asid kuat <i>Strong acid</i>	Asid lemah <i>Weak acid</i>	Alkali kuat <i>Strong alkali</i>	Alkali lemah <i>Weak alkali</i>	Larutan nuetral <i>Neutral solution</i>
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Larutan <i>Solutions</i>	Asid hidroklorik <i>Hydrochloric acid</i>	Larutan natrium hidroksida <i>Sodium hydroxide solution</i>	Asid etanoik <i>Ethanoic acid</i>	Larutan ammonia <i>Ammonia solution</i>	Larutan garam biasa <i>Common salts solution</i>
Nilai pH <i>pH values</i>	1	14	4	10	7
Jenis larutan <i>Types of solutions</i>					

2. Isi di dalam petak dengan perkataan 'asid', 'alkali' atau 'neutral' berdasarkan skala pH.

Fill in the boxes with the words 'acid', 'alkali' and 'neutral' on the pH scale.



3. Nyatakan hubungan nilai pH dengan kekuatan asid dan alkali. (*choose the right answer*)

State the relationship between pH value and the strength of acid and alkali.

- (a) Semakin _____ nilai pH, semakin kuat sifat keasidannya.
The _____ the pH value, the stronger the acidic property.
- (b) Semakin _____ nilai pH, semakin kuat sifat kealkaliannya.
The _____ the pH value, the stronger the alkaline property.

