



LABORATORIUM KIMIA FISIK
Departemen Kimia – Fakultas MIPA
Universitas Gadjah Mada (UGM)

RADIOKIMIA

Quiz-01 : Perubahan fisika, kimia dan inti

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Jawablah pertanyaan-pertanyaan berikut sesuai jenis perubahan materi yang terjadi mengikuti perubahan fisika, kimia atau inti ?



Sumber :
<http://chemistry.about.com/qz/Chemical-Physical-and-Nuclear-Changes-Quiz>



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1. Changing the size, shape, appearance, or volume of a substance without changing its composition is a:

Chemical Change Physical Change Nuclear Change

2. Dissolving salt in water is an example of which type of change?

Chemical Change Physical Change Nuclear Change

3. When a nuclear change takes place, which is true:


Chemical Change Physical Change Nuclear Change

4. Mixing baking soda and vinegar forms bubbles. This is an example of a:

Chemical Change Physical Change Nuclear Change

5. Burning a candle is an example of a:

Chemical Change Physical Change Nuclear Change

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6. Which state of matter undergoes the same amount of expansion for a given increase in temperature?

Chemical Change Physical Change Nuclear Change

7. Melting an ice cube is an example of a:

Chemical Change Physical Change Nuclear Change

8. The formation of water from oxygen and hydrogen is an example of a:


Chemical Change Physical Change Nuclear Change

9. The emission of an alpha particle during the decay of Uranium 238 is an example of a:

Chemical Change Physical Change Nuclear Change

10. Beta emission during the decay of carbon 14 is an example of:

Chemical Change Physical Change Nuclear Change

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Apakah yang dimaksud dengan perubahan fisika, perubahan kimia dan perubahan inti ?



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Perubahan fisika



Perubahan kimia



Perubahan inti



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