

Chemical Reactions

GLE 0807.9.3 Interpret data from an investigation to differentiate between physical and chemical changes.
GLE 0807.Inq.5 Communicate scientific understanding using descriptions, explanations, and models.

Which of the following are not chemical reactions? Mark all correct answers.

- _____ 1. A match burning
- _____ 2. Sugar dissolving in water
- _____ 3. Water boiling
- _____ 4. An iron nail rusting
- _____ 5. An exploding firecracker
- _____ 6. Melting wax
- _____ 7. Digestion

Why did you select each of the items you marked above?

Learn more online:

- Interactive Experiments, http://www.pbs.org/wgbh/nova/fireworks/fire_flash.html
- Watch a video
 - Go to WatchKnow.org
 - Type in the search box Chemical Reactions
 - Click Search
 - Click on the title Chemical Reactions
 - Click on the play button in the video window
 - Or enter the following address in your web browser
<http://www.watchknow.org/Video.aspx?VideoID=796&CategoryID=2497>