


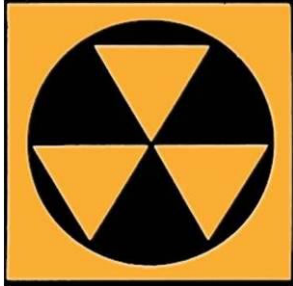


Radiation Symbols: Teacher Answer Key

Name: _____

Date: _____

Answer the questions for each symbol.

<p>1.</p>  	<p>What do the symbols mean? Both symbols are meant to identify an ionizing radiation source and alert people of the potential dangers so they can take action to protect against radiation exposure. The first (yellow) is an international symbol of radiation. The United Nations introduced the new international radiation symbol (red) in 2007.</p> <p>Where might you see either of them? Potentially around radioactive areas such as active or abandoned uranium mines and mills, nuclear test and radioactive waste sites, nuclear power plants, labs and medical sites.</p> <p>What actions might you or others need to take if you see either of these symbols? Distance yourself from the area or take the appropriate precautions when entering the area such as wearing protective clothing, using shielding or limiting your time in the area.</p>
<p>2.</p> 	<p>What does the symbol mean? There are radioactive materials present.</p> <p>Where might you see it? On trucks or trains carrying radioactive materials or on packages containing radioactive materials.</p> <p>What actions might you or others need to take if you see this symbol? Take precautions to package, transport and handle the materials with care.</p>
<p>3.</p> 	<p>What does the symbol mean? It indicates the location of a fallout shelter.</p> <p>Where might you see it? On a public building.</p> <p>What actions might you or others need to take if you see this symbol? Going to that location in the event of a nuclear attack or large radiological disaster.</p>