

Name _____

Colors in the Sky: The Science of Fireworks

Multiple Choice Questions

1. What are the "stars" in a firework?
 - a) Small packets of chemicals that burn brightly
 - b) Real stars from space
 - c) Lights on the ground
 - d) Pieces of paper

2. Which element creates a red color in fireworks?
 - a) Sodium
 - b) Barium
 - c) Strontium
 - d) Copper

3. What causes the elements in fireworks to glow?
 - a) Wind
 - b) Heat from an explosion
 - c) Sunlight
 - d) Water

4. What do atoms do when they get excited in fireworks?
 - a) Make sound
 - b) Turn into water
 - c) Release energy as light
 - d) Disappear

5. Why should fireworks be handled by experts?
 - a) They are hard to see
 - b) They are too heavy
 - c) They are easy to break
 - d) They can be dangerous

