

Chapter 4

Use with Section 3

REINFORCEMENT

● Transition Elements

Part A*Complete each statement.*

- All transition elements are _____.
- The iron triad are the only elements that have _____ properties.
- _____ is the most important of the transition elements.
- Copper, silver, and gold make up the _____ metals.
- _____ has the highest melting point of any metal.
- _____ has the lowest melting point of any metal.
- The _____ group are often used for electrodes or catalysts because they do not combine easily with other elements.
- Another name for _____ is the rare earths.
- The _____ are soft metals that can be cut with a knife.
- All of the actinides are _____.

Part B*Place the letter from column II next to the element in column I which is associated with that particular use.*

COLUMN I <i>Element</i>	COLUMN II <i>Use</i>
_____ 1. Iron	a. filament of lightbulbs
_____ 2. Silver	b. catalytic converters in automobiles
_____ 3. Mercury	c. wires that carry electricity
_____ 4. Chromium	d. principal ingredient in misch metal
_____ 5. Americium	e. used to kill cancer cells
_____ 6. Tungsten	f. a necessary part of hemoglobin
_____ 7. Platinum	g. thermometers
_____ 8. Californium	h. brightly colored paint
_____ 9. Copper	i. photographic film
_____ 10. Cerium	j. smoke detectors