

Ticket for test

Give the name or symbol for each of the elements listed below.

1. _____	K	7. antimony	_____	13. _____	O
2. _____	Mn	8. copper	_____	14. iron	_____
3. _____	Co	9. _____	Ar	15. _____	Bi
4. magnesium	_____	10. _____	Mo	16. gold	_____
5. bromine	_____	11. _____	Kr	17. sulfur	_____
6. _____	Sn	12. silver	_____	18. _____	Sr

Answer the following questions about the element represented by square **11 use your periodic table**

19. What period is the element in?
20. What family number does the element belong to?
21. Is it a good reflector of heat and light?
22. Will it conduct electricity?
23. Is it a metal, non-metal or metalloid?
24. Is it a solid, liquid or gas at room temperature?

Answer the following questions about the element represented by square **17 use your periodic table**

25. Is this element shiny?
26. What is the name of the family that the element belongs to?
27. Is it brittle, or malleable or neither?

1. What is the difference between homogeneous mixtures and heterogeneous mixtures?
2. What is the main difference between physical changes and chemical changes?
3. Classify the following changes as physical or chemical changes.
  - a. Water boils
  - b. Salt dissolves in water
  - c. Milk turns sour
  - d. A metal rusts.
4. Identify each element as a metal, metalloid, or nonmetal.
  - a. Gold
  - b. Silicon
  - c. Sulfur
  - d. Barium