

Name : _____ Date : _____

Periodic Table Facts

Identify the symbol for each element

- | | | | | | |
|----|----------|-------|----|-------------|-------|
| 1 | Oxygen | _____ | 11 | Magnesium | _____ |
| 2 | Hydrogen | _____ | 12 | Manganese | _____ |
| 3 | Chlorine | _____ | 13 | Neon | _____ |
| 4 | Sodium | _____ | 14 | Bromine | _____ |
| 5 | Fluorine | _____ | 15 | Phosphorous | _____ |
| 6 | Carbon | _____ | 16 | Silver | _____ |
| 7 | Helium | _____ | 17 | Lead | _____ |
| 8 | Nitrogen | _____ | 18 | Iron | _____ |
| 9 | Copper | _____ | 19 | Calcium | _____ |
| 10 | Sulfur | _____ | 20 | Potassium | _____ |

Fill in the chart below. The first row has been completed as an example.

Element	Symbol	Atomic Number	Period	Group
Sodium	Na	11	3	1
	0			
Krypton				
		79		
			4	7

Give an atom with the following characteristics.

- | | | | | | |
|---|-------------------|-------|---|----------------------|-------|
| a | Halogen | _____ | b | Chalcogen | _____ |
| c | Alkali metal | _____ | d | Actinide series | _____ |
| e | Lanthanide series | _____ | f | Alkaline Earth metal | _____ |
| g | Transition metal | _____ | h | Nobel gas | _____ |

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Periodic Table Facts

Answers

- | | | | | | |
|----|----------|-----------|----|-------------|-----------|
| 1 | Oxygen | <u>O</u> | 11 | Magnesium | <u>Mg</u> |
| 2 | Hydrogen | <u>H</u> | 12 | Manganese | <u>Mn</u> |
| 3 | Chlorine | <u>Cl</u> | 13 | Neon | <u>Ne</u> |
| 4 | Sodium | <u>Na</u> | 14 | Bromine | <u>Br</u> |
| 5 | Fluorine | <u>F</u> | 15 | Phosphorous | <u>P</u> |
| 6 | Carbon | <u>C</u> | 16 | Silver | <u>Ag</u> |
| 7 | Helium | <u>He</u> | 17 | Lead | <u>Pb</u> |
| 8 | Nitrogen | <u>N</u> | 18 | Iron | <u>Fe</u> |
| 9 | Copper | <u>Cu</u> | 19 | Calcium | <u>Ca</u> |
| 10 | Sulfur | <u>S</u> | 20 | Potassium | <u>K</u> |

Element	Symbol	Atomic Number	Period	Group
Sodium	Na	11	3	1
Oxygen	O	8	2	16
Krypton	Kr	36	4	18
Gold	Au	79	6	11
Manganese	Mn	25	4	7

- | | | | | | |
|---|-------------------|------------------|---|----------------------|------------------|
| a | Halogen | <u>Chlorine</u> | b | Chalcogen | <u>Sulfur</u> |
| c | Alkali metal | <u>Sodium</u> | d | Actinide series | <u>Plutonium</u> |
| e | Lanthanide series | <u>Lanthanum</u> | f | Alkaline Earth metal | <u>Calcium</u> |
| g | Transition metal | <u>Manganese</u> | h | Nobel gas | <u>Helium</u> |