

Use with textbook pages 43-44.

## Element names

1. Identify the element based on the clues given. The first one is done to help guide you.

General clue	Element
(a) policeman	copper
(b) to press clothes	
(c) planet closest to the Sun	
(d) 5 cents	
(e) to be shown the way	

2. What is the English name for each of these Latin names of elements?

- (a) *plumbum* \_\_\_\_\_ (e) *natrum* \_\_\_\_\_  
 (b) *ferrum* \_\_\_\_\_ (f) *kalium* \_\_\_\_\_  
 (c) *argentum* \_\_\_\_\_ (g) *fluere* \_\_\_\_\_  
 (d) *carbo* \_\_\_\_\_ (h) *hydrargyrum* \_\_\_\_\_
3. Which elements' names have the following meanings?
- (a) bringer of light \_\_\_\_\_ (e) emerald \_\_\_\_\_  
 (b) stone \_\_\_\_\_ (f) heavy \_\_\_\_\_  
 (c) violet \_\_\_\_\_ (g) sun \_\_\_\_\_  
 (d) colour \_\_\_\_\_ (h) smelly \_\_\_\_\_

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## Learning chemical symbols

Write the element name in the blank beside its symbol.

1. Symbols that come from the first letter of the element's name
- (a) P \_\_\_\_\_ (d) I \_\_\_\_\_  
 (b) S \_\_\_\_\_ (e) F \_\_\_\_\_  
 (c) O \_\_\_\_\_ (f) N \_\_\_\_\_
2. Symbols that come from the first two letters of the element's name
- (a) He \_\_\_\_\_ (c) Be \_\_\_\_\_  
 (b) Li \_\_\_\_\_ (d) Ne \_\_\_\_\_
3. Symbols that come from the first letter and another letter in the name
- (a) Cl \_\_\_\_\_ (c) Zn \_\_\_\_\_  
 (b) Mg \_\_\_\_\_ (d) Mn \_\_\_\_\_
4. Symbols that come from the name of the element in Latin
- (a) Pb \_\_\_\_\_ (e) Cu \_\_\_\_\_  
 (b) Au \_\_\_\_\_ (f) Fe \_\_\_\_\_  
 (c) Ag \_\_\_\_\_ (g) Na \_\_\_\_\_  
 (d) Sn \_\_\_\_\_ (h) Rb \_\_\_\_\_
5. Use the chemical symbols to write three English words. An example is provided for you.

English word	Symbols	Names of elements used
none	N-O-Ne	nitrogen-oxygen-neon

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## Element names

1. Identify the element based on the clues given. The first one is done to help guide you.

General clue	Element
(a) policeman	copper
(b) to press clothes	Iron
(c) planet closest to the Sun	Mercury
(d) 5 cents	Nickel
(e) to be shown the way	Lead

2. What is the English name for each of these Latin names of elements?

(a) <i>plumbum</i>	Lead	(e) <i>natrium</i>	sodium
(b) <i>ferrum</i>	Iron	(f) <i>kalium</i>	potassium
(c) <i>argentum</i>	Silver	(g) <i>fluere</i>	fluorine
(d) <i>carbo</i>	carbon	(h) <i>hydrargyrum</i>	mercury

3. Which elements' names have the following meanings?

(a) bringer of light	Phosphorus	(e) emerald	Beryllium
(b) stone	calcium	(f) heavy	Barium
(c) violet	Iodine	(g) sun	Helium
(d) colour	chromium	(h) smelly	Bromine

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## Learning chemical symbols

Write the element name in the blank beside its symbol.

1. Symbols that come from the first letter of the element's name

(a) P	Phosphorus	(d) I	Iodine
(b) S	Sulphur	(e) F	Fluorine
(c) O	Oxygen	(f) N	Nitrogen

2. Symbols that come from the first two letters of the element's name

(a) He	Helium	(c) Be	Beryllium
(b) Li	Lithium	(d) Ne	Neon

3. Symbols that come from the first letter and another letter in the name

(a) Cl	Chlorine	(c) Zn	Zinc
(b) Mg	Magnesium	(d) Mn	Manganese

4. Symbols that come from the name of the element in Latin

(a) Pb	Lead	(e) Cu	Copper
(b) Au	Silver	(f) Fe	Iron
(c) Ag	Gold	(g) Na	Sodium
(d) Sn	Tin	(h) Rb	Rubidium

5. Use the chemical symbols to write three English words. An example is provided for you.

English word	Symbols	Names of elements used
none	N-O-Ne	nitrogen-oxygen-neon
FINISH	F-I-N-I-S-H	Fluorine-Iodine-Nickel-Sulfur
FLIP	F-L-I-P	Fluorine-Lithium-Phosphorus
TIP	T-I-P	Titanium-Phosphorus