

OXIDATION NUMBER

Name ----- date----- group ----

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1. According to the periodic table which are all oxidation numbers of the phosphorus (P) atom ?
 - a. +1,+3,+5,-2
 - b. +2,+4,-4,-2
 - c. +1,+3,+5,-3
 - d. +2,+4,-2,-3
2. According to the periodic table which are the oxidation numbers of the Carbon (C) atom ?
 - a. +1,+2,-2
 - b. +2,+4,-4
 - c. +3,+2,-2
 - d. +2,+4,-2
3. According to periodic table what is the negative oxidation state of the Carbon (C) atom ?
 - a. -2
 - b. -4
 - c. -5
 - d. -6
4. What is the oxidation number of the oxygen atom in OF_2 ?
 - a. -1
 - b. -2
 - c. +2
 - d. +4
5. What is the oxidation state of the hydrogen atom in NH_3 ?
 - a. -1
 - b. -3
 - c. +1
 - d. +4
6. What is the oxidation state of the hydrogen atom in NaH ?
 - a. -1

- b. -2
- c. +2
- d. +4

7. What is the oxidation state of the iron atom in Fe^xO_3 ?

- a. +1
- b. -2
- c. +3
- d. -4

8. What is the oxidation state of the sulfur atom in $\text{K}_2\text{S}^x\text{O}_4$?

- a. +4
- b. +5
- c. +6
- d. -2

9. What is the oxidation state of the oxygen atom in sodium peroxide - Na_2O_2 ?

- a. +4
- b. +5
- c. -2
- d. -1

10. What is the oxidation state of the chromium atom in sodium dichromate - $\text{K}_2\text{Cr}^x\text{O}_7$?

- a. +4
- b. +6
- c. -2
- d. -1

11. What is the oxidation state of the sulfur atom in sulfate ion - $(\text{SO}_4)^{2-}$?

- a. +2
- b. +4
- c. +6
- d. -1

12. What is the oxidation state of the copper in copper nitrate - $\text{Cu}^x(\text{NO}_3)_2$?

- a. +2
- b. +4
- c. +6
- d. -1

ANSWERS:

1	2	3	4	5	6	7	8	9	10	11	12
c	b	b	c	c	a	c	c	d	b	c	a

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