

White Board Practice
Types of Bonds and
Nomenclature

Write down your answer on the
white board and hold it up when you
think that you have the answer!

1

How many valence
electrons does
Oxygen have?

2

What charge will oxygen
have when it forms an ion?
What will its name be?

3

CCl₄
Type of bond? Name?

4

Mg(OH)₂
Type of bond? Name?

5

NaCl
Type of bond? Name?

6

NaF
Type of bond? Name?

7

Ba(NO₃)₂
Type of bond? Name?

8

Li₂SO₄
Type of bond? Name?

9

S₂F₄
Type of bond? Name?

10

CO₃
Type of bond? Name?

11

How many valence
electrons does
Sulfur have?

12

What charge will sulfur
have when it forms and
ion? What will its name be?

13

What are the names
for the common ions
SO₄²⁻ and SO₃²⁻

14

Cs₂S
Type of bond? Name?

15

How many valence
electrons does
Radium have?

16

What charge will Radium
have when it forms and
ion? What will its name be?

17

CoF₃
Type of bond? Name?

18

NO₂
Type of bond? Name?

19

How many valence
electrons does
Nitrogen have?

20

What charge will Nitrogen
have when it forms and
ion? What will its name be?

21

MgCl₂
Type of bond? Name?

22

Al₂(SO₄)₃
Type of bond? Name?

23

AgNO₃
Type of bond? Name?

24



Type of bond? Name?

25



Type of bond? Name?

26



Type of bond? Name?

27



Type of bond? Name?

28



Type of bond? Name?

29

How many valence
electrons does
Phosphorous have?

30

What charge will
Phosphorous have when it
forms and ion? What will
its name be?

31



Type of bond? Name?

32



Type of bond? Name?

33



Type of bond? Name?

34



Type of bond? Name?

35



Type of bond? Name?

36



Type of bond? Name?

37



Type of bond? Name?

38



Type of bond? Name?

39



Type of bond? Name?

40



Type of bond? Name?

41



Type of bond? Name?

42

How many valence
electrons does
Rubidium have?

43

What charge will Rubidium
have when it forms and
ion? What will its name be?

44



Type of bond? Name?

45



Type of bond? Name?

46



Type of bond? Name?

47



Type of bond? Name?

48



Type of bond? Name?

49



Type of bond? Name?

50



Type of bond? Name?

51



Type of bond? Name?

52



Type of bond? Name?

53



Type of bond? Name?

54



Type of bond? Name?

55