

7) Oxygen & Chlorine

Family	1 2 3 4 5 6 7 8	Dot Diagram (•)	Family	1 2 3 4 5 6 7 8	Dot Diagram (•)
Valence Electrons	_____	7 8 O 3 4 6 5	Valence Electrons	_____	1 2 7 8 Cl 3 4 6 5
Number of Bonds	_____		Number of Bonds	_____	
Number of atoms needed	_____		Number of atoms needed	_____	

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing Electrons you may need

single 1 2 double 1 2 triple 1 2

left 1 2 3 4 5 6 right 1 2 3 4 5 6 middle 1 2 2 1 1 2

Dot Diagram Molecule Drag and drop the Bond Type

singles 1 2 doubles 1 2 triples 1 2

Electrons you may need top 1 2 3 4 5 6 left 1 2 3 4 5 6 right 1 2 3 4 5 6 bottom 1 2 3 4 5 6

Formula

Name of compound: _____

8) Carbon & Oxygen

Family	1 2 3 4 5 6 7 8	Dot Diagram (•)	Family	1 2 3 4 5 6 7 8	Dot Diagram (•)
Valence Electrons	_____	7 8 C 3 4 6 5	Valence Electrons	_____	1 2 7 8 O 3 4 6 5
Number of Bonds	_____		Number of Bonds	_____	
Number of atoms needed	_____		Number of atoms needed	_____	

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing Electrons you may need

single 1 2 double 1 2 triple 1 2

left 1 2 3 4 5 6 right 1 2 3 4 5 6 middle 1 2 2 1 1 2

Dot Diagram Molecule Drag and drop the Bond Type

singles 1 2 doubles 1 2 triples 1 2

Electrons you may need top 1 2 3 4 5 6 left 1 2 3 4 5 6 right 1 2 3 4 5 6 bottom 1 2 3 4 5 6

Formula

Name of compound: _____

9) Carbon & Sulfur

Family	1 2 3 4 5 6 7 8	Dot Diagram (•)	Family	1 2 3 4 5 6 7 8	Dot Diagram (•)
Valence Electrons	_____	7 8 C 3 4 6 5	Valence Electrons	_____	1 2 7 8 S 3 4 6 5
Number of Bonds	_____		Number of Bonds	_____	
Number of atoms needed	_____		Number of atoms needed	_____	

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing Electrons you may need

single 1 2 double 1 2 triple 1 2

left 1 2 3 4 5 6 right 1 2 3 4 5 6 middle 1 2 2 1 1 2

Dot Diagram Molecule Drag and drop the Bond Type

singles 1 2 doubles 1 2 triples 1 2

Electrons you may need top 1 2 3 4 5 6 left 1 2 3 4 5 6 right 1 2 3 4 5 6 bottom 1 2 3 4 5 6

Formula

Name of compound: _____