

Warm-Up #22

Name: _____ Date: _____

Part 1: Complete the table below.

	Lewis Structure	Draw the Molecule Shape	Shape Name	Bond Polarity	Molecular Polarity	IMF
NF ₃						

Part 2: Will NF₃ dissolve in BCl₃? Explain your reasoning.**Warm-Up #22**

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Part 3: Name/write the formula of each compound.

1. Calcium acetate

3. I_2

2. S_3O_5

4. Iron (III) oxide

Part 4: Solve. Show all work. Round for significant figures and box final answers.

5. How many moles are in 457 grams of $Cr_2(SO_4)_3$?

6. How many particles are in 2.31 grams of Na_2O ?

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