



Escape Room EDU Teacher Instructions



Print out all of the level cards



Make copies of the recording sheet for each student or group
– **Print answer key to check student answers**



Digital Escape room: <http://bit.ly/2vwig9Y> – **Students receive a completion code after the last level to show you they have broken out.**



[Click here](#) for a Force copy of the Google Form. You will be able to change the settings to collect student responses (e-mails).



Escape Room for Teams:

Version 1: Place each level at different stations – Requires each team to cycle at predetermined times

Version 2: Place all levels at each station – Requires students to remain at one station



Escape Room for Individual Students:

– **Each student receives all levels**



If not using Digital escape room: Students must get the completion code from the teacher (via answer key)





Escape Room EDU

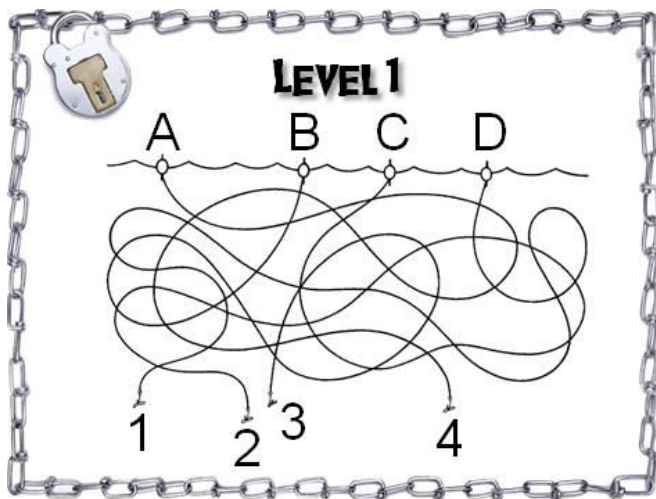
Decoding the Puzzles



How to solve Level 1



Students first solve the answer to the 4 multiple choice questions
Students then use the A, B, C, D answers with the decoder for that level



- **The answers to level 1, in order, are BCAD**
- **Using these answers with the Level 1 puzzle:**
 - **B leads to 3**
 - **C leads to 2**
 - **A leads to 4**
 - **D leads to 1**
- **If you put these in the same order it becomes 3241, which is the code for level 1.**



Escape Room EDU FAQ



My school's internet does not allow me to use shortened links.

Long Link:

<https://docs.google.com/forms/d/e/1FAIpQLSdflqzm83BgsMqISiMOQT-YF9qSPuwzAPF-ptR7bLSM4AYWMw/viewform>



How can I see what they did based off the Google form?

Answer: You can't. Students must input the correct answer to move on. The completion code is used to know when they have completed it.



Are electronic devices needed to complete this activity?

Answer: No, this can be done without a device



Does this require Google Classroom?

Answer: No, just access to the internet



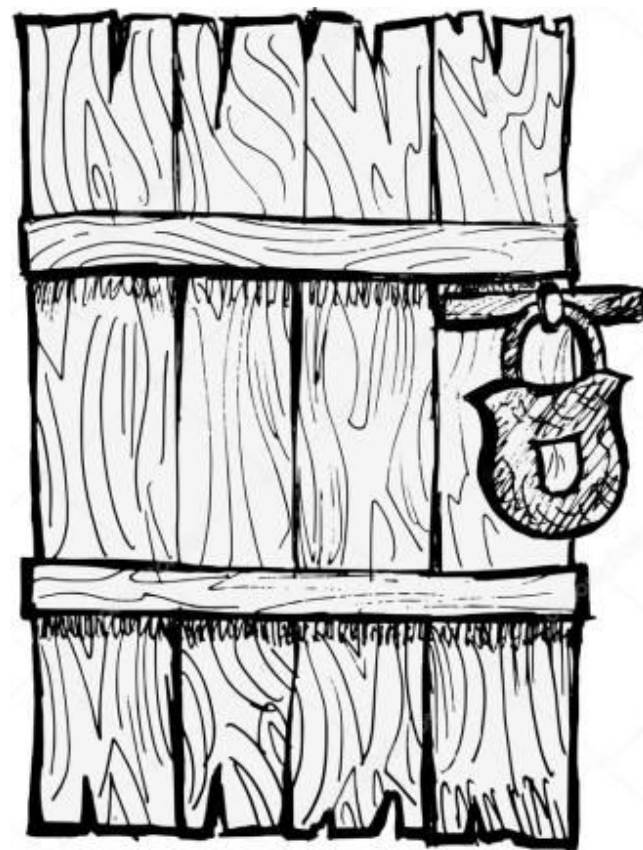
How long does this take to set up?

Answer: Hardly any time at all; just print the Question cards, Level cards and recording sheet, the Google form is already ready to use



ESCAPE ROOM EDU

NAMING COVALENT COMPOUNDS



Digital Link: <http://bit.ly/2vwig9Y>



Mission Objective

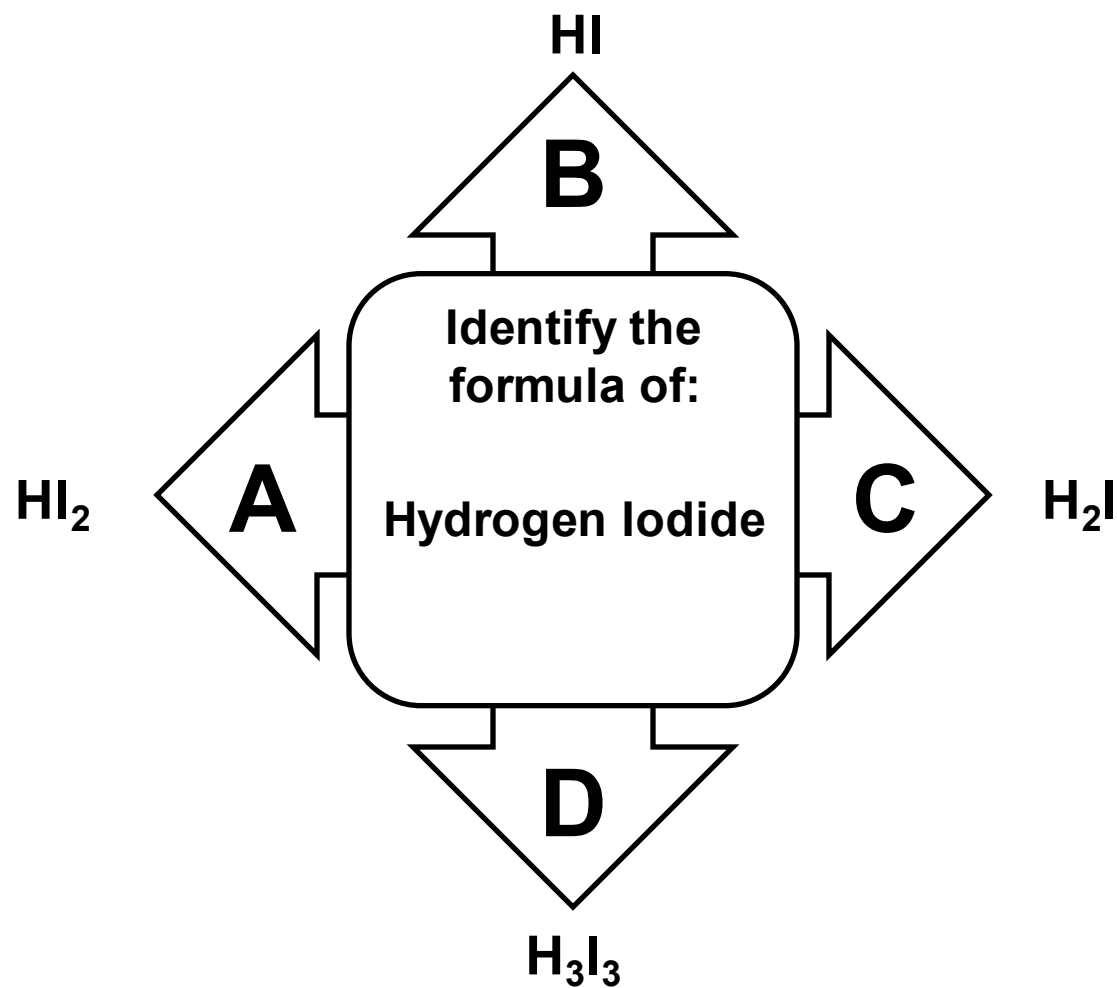
A MAD CHEMIST TRAPPED YOUR WHOLE CLASS IN THE CLASSROOM. IN ORDER TO ESCAPE, YOU MUST USE YOUR KNOWLEDGE OF COVALENT COMPOUNDS TO CONVINCE HIM TO LET YOU GO. ANSWER THE QUESTIONS AT EACH LEVEL AND BE SURE TO RECORD EACH ANSWER. ONCE ALL LEVELS ARE COMPLETE, RETRIEVE THE COMPLETION CODE TO BREAK OUT AND SAVE THE DAY. YOU MUST HURRY AND ESCAPE BEFORE YOU REMAIN TRAPPED IN CLASS FOREVER!





LEVEL 1

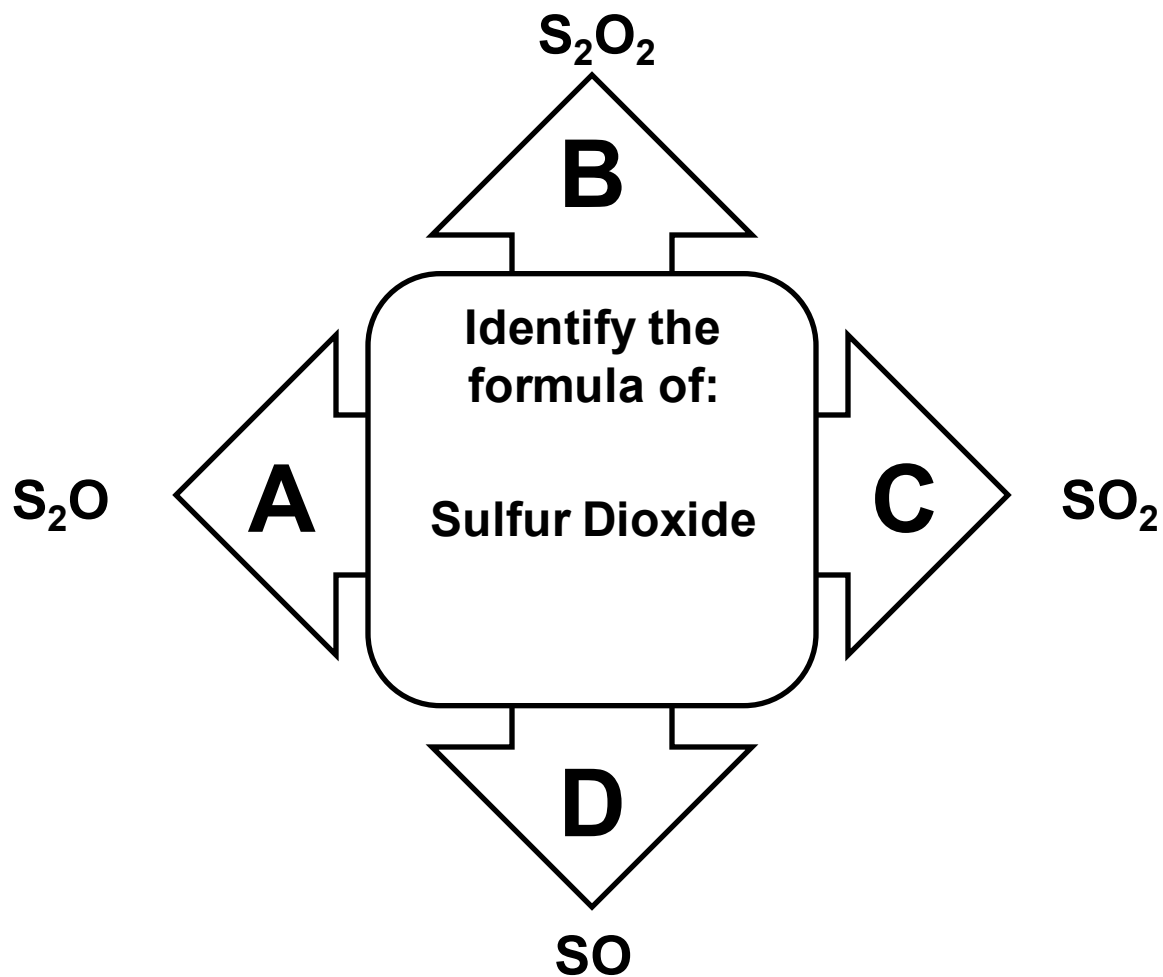
Q1





LEVEL 1

Q2





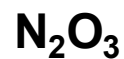
LEVEL 1

Q3

Dinitrogen Tetraoxide

B

Identify the
name of:



A

Dinitrogen Trioxide

C

Dinitrogen Dioxide

D

Nitrogen Trioxide



LEVEL 1

Q4

Carbonide Monoxide

B

Identify the
name of:

CO

Carbon Dioxide

A

C

Carbon Oxygenide

D

Carbon Monoxide



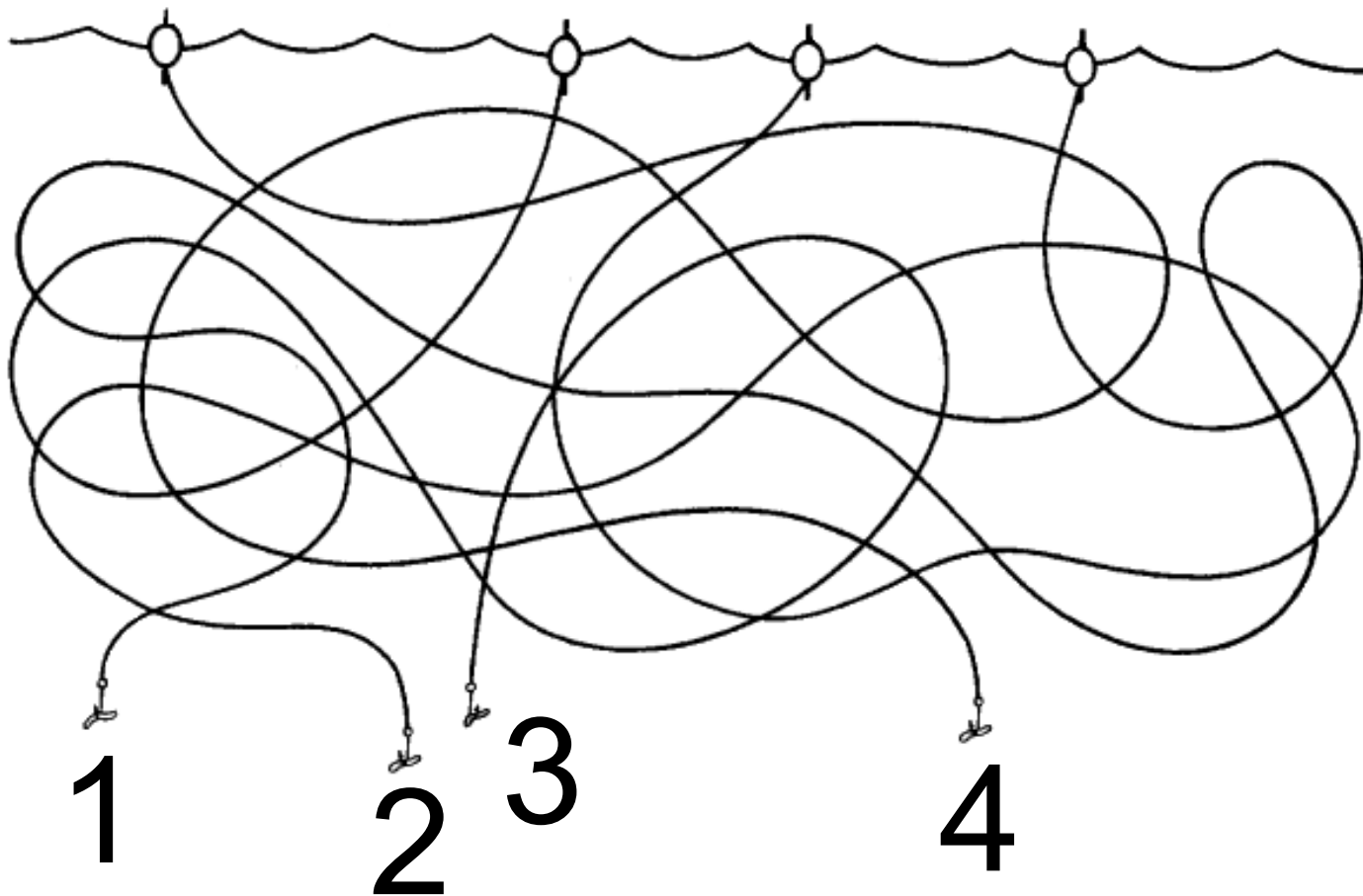
LEVEL 1

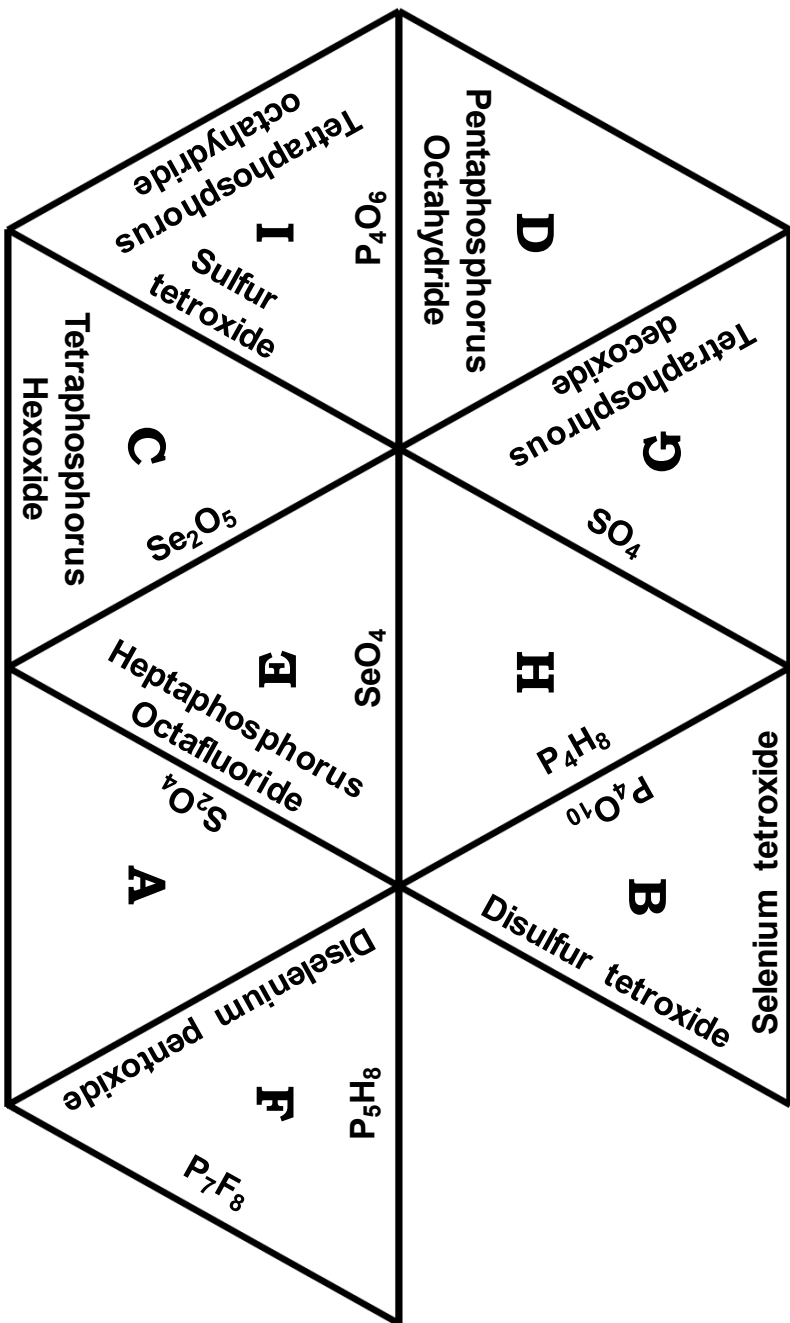
A

B

C

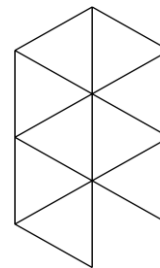
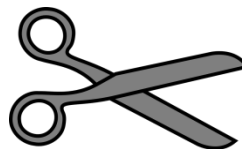
D





LEVEL 2

1.

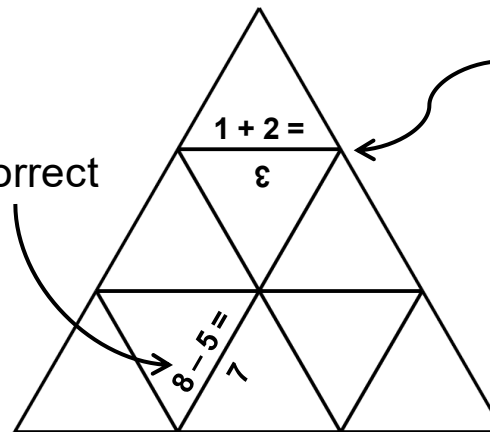


apart.

2. Solve the 9 problems.

3. Build a triangle so that each edge has the same answers facing each other.

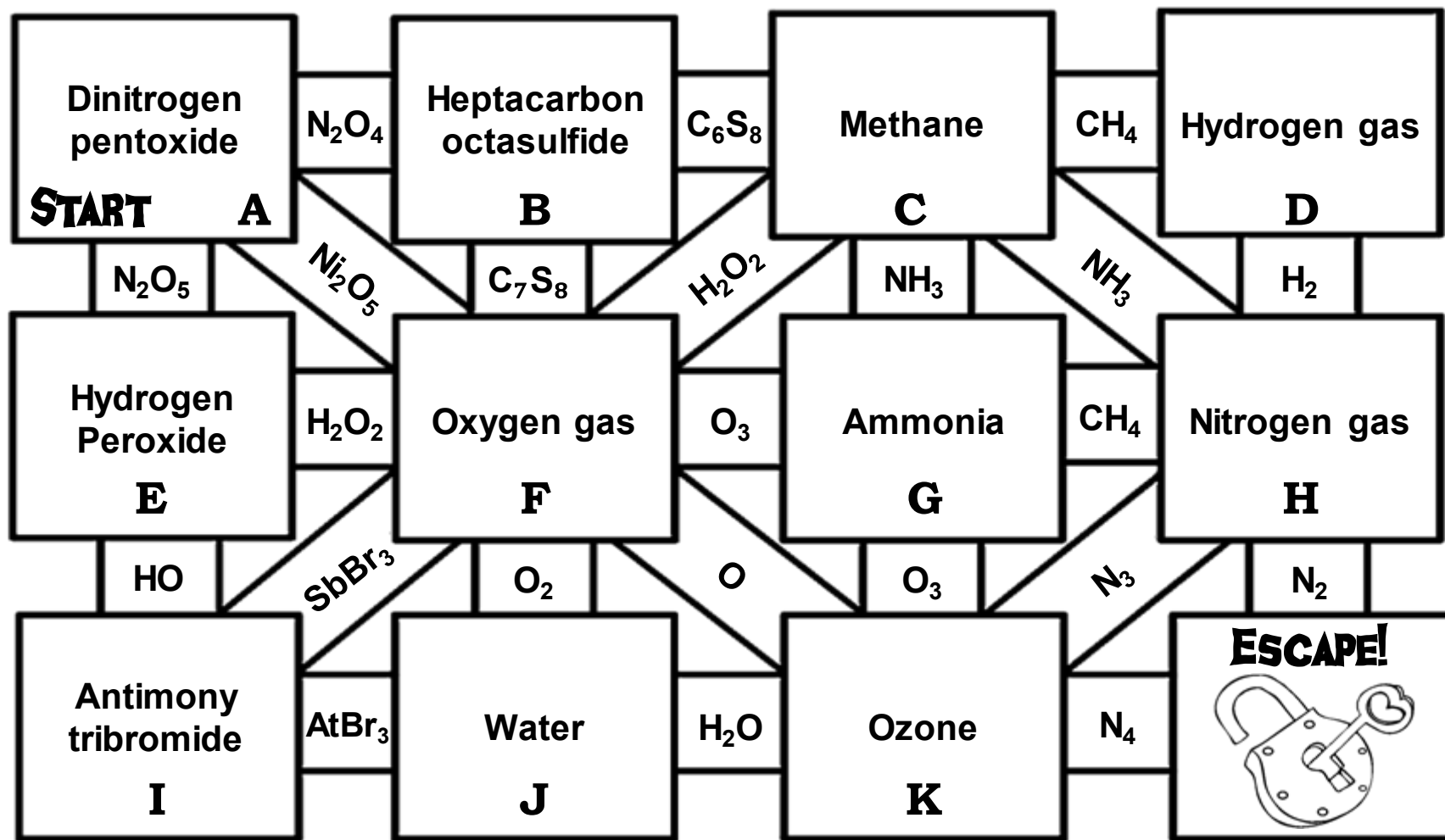
Incorrect



Correct

LEVEL 3

Use your answers to guide you to the end of the maze to make your escape.





MAKE YOUR ESCAPE!

NAMING COVALENT COMPOUNDS

Name _____

Digital Link: bit.ly/2vwig9Y

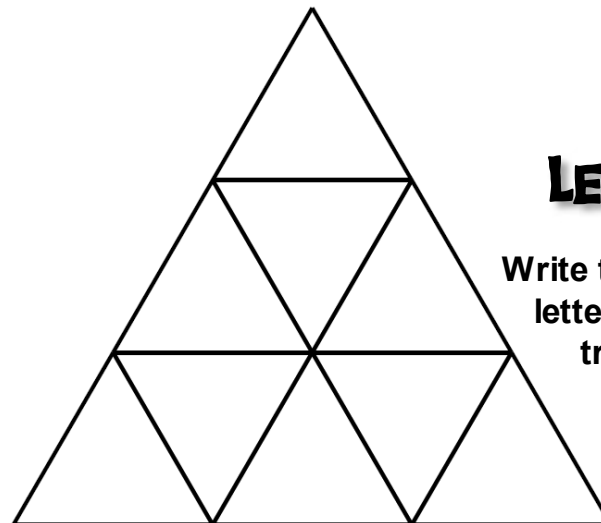
LEVEL 1

Codes Answers

Q1	Q2	Q3	Q4
Digit 1	Digit 2	Digit 3	Digit 4

LEVEL 2

Write the correct letter in each triangle



LEVEL 3

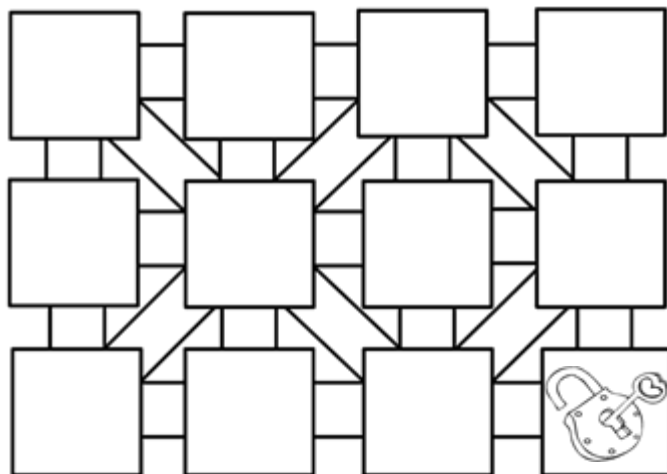
Write the correct pathway of letters to the finish line
Draw arrows between each box

CONGRATULATIONS,
YOU ESCAPED!

Congratulations!

Enter the completion code to make your escape!

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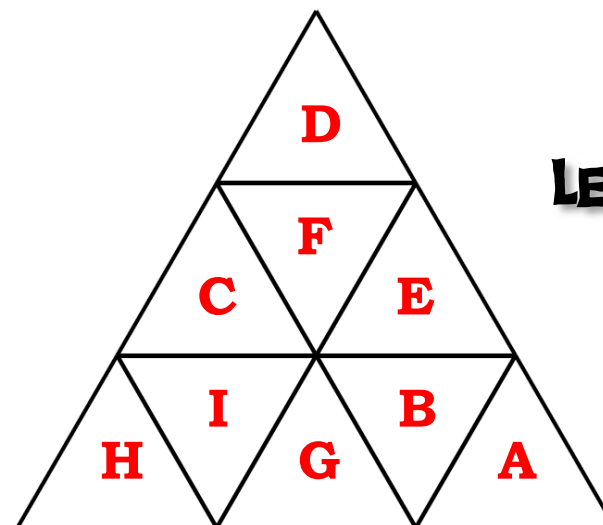
KEY: NAMING COVALENT COMPOUNDS

LEVEL 1

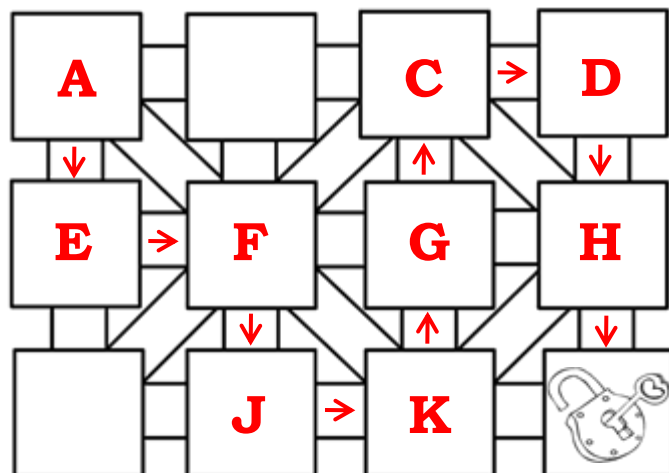
Codes Answers

B Q1	C Q2	A Q3	D Q4
3 Digit 1	2 Digit 2	4 Digit 3	1 Digit 4

LEVEL 2



LEVEL 3



Congratulations!
Enter the completion code
to make your escape!

9 0 0 2

Tarsia Puzzle Key

