gridlocks – can you unlock the grid?

Elements 2

Before you answer the puzzles below fill in the table of elements using:

| lithium | Br | iodine | Н | He | sodium | Ar |
|---------|----|--------|---|----|--------|----|
|---------|----|--------|---|----|--------|----|

| Element | Symbol | Element | Symbol |
|-----------|--------|----------|--------|
| | Li | sulfur | S |
| | Na | argon | |
| potassium | К | fluorine | F |
| hydrogen | | chlorine | CI |
| helium | | bromine | |
| carbon | С | | ı |

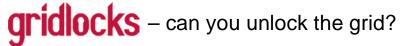
Gridlock 1

Each row, column and 2 x 2 box contains information about the first four elements listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

| na | me | symbol | |
|-----|---------|--------|-----------|
| | lithium | | Н |
| | | | Li |
| | | | |
| Na | | | potassium |
| syn | nbol | na | me |







Gridlock 2

Each row, column and 2 x 2 box contains the elements: helium, sulfur, carbon and argon.

| na | me | symbol | |
|--------|------|--------|----|
| carbon | | | |
| | | Ar | |
| | | helium | |
| | S | | |
| syn | nbol | na | me |

Gridlock 3

Each row, column and 2 x 2 box contains the group 7 elements: fluorine, chlorine, bromine and iodine.

| name | | symbol | |
|----------|------|--------|--------|
| chlorine | | | F |
| | | | |
| | Br | | iodine |
| | | | |
| syn | nbol | na | me |





gridlocks – can you unlock the grid?

Elements 2 - answers

Before you answer the puzzles below fill in the table of elements using:

| lithium | Br | iodine | Н | He | sodium | Ar |
|---------|----|--------|---|----|--------|----|
|---------|----|--------|---|----|--------|----|

| Element | Symbol | Element | Symbol |
|-----------|--------|----------|--------|
| lithium | Li | sulfur | S |
| sodium | Na | argon | Ar |
| potassium | К | fluorine | F |
| hydrogen | Н | chlorine | CI |
| helium | He | bromine | Br |
| carbon | С | iodine | I |

Puzzle 1 - answers

Each row, column and 2 x 2 box contains information about the first four elements listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

| name | | symbol | |
|-----------|---------|----------|-----------|
| potassium | lithium | Na | н |
| hydrogen | sodium | К | Li |
| Li | К | hydrogen | sodium |
| Na | Н | lithium | potassium |
| sym | nbol | na | me |



gridlocks – can you unlock the grid?

Puzzle 2 - answers

Each row, column and 2 x 2 box contains the elements: helium, sulfur, carbon and argon.

| na | me | symbol | |
|--------|--------|--------|--------|
| carbon | argon | S | He |
| sulfur | helium | Ar | С |
| Ar | С | helium | sulfur |
| He | S | carbon | argon |
| syn | nbol | na | me |

Puzzle 3 - answers

Each row, column and 2 x 2 box contains the group 7 elements: fluorine, chlorine, bromine and iodine.

| na | me | symbol | |
|----------|----------|----------|---------|
| chlorine | iodine | Br | F |
| bromine | fluorine | I | CI |
| F | Br | chlorine | iodine |
| I | CI | fluorine | bromine |
| syn | nbol | na | me |

