

# CALLER SHEET AND ANSWER KEY

Call the elements in any order. Tick each one as you call it, then check a winning card against the ticks. Three ways to call: say the **name** (players find the symbol), say the **symbol** (easiest), or read the **clue** (hardest).

| #                           | SYMBOL    | NAME       | CLUE TO READ ALOUD                                                          |
|-----------------------------|-----------|------------|-----------------------------------------------------------------------------|
| <input type="checkbox"/> 1  | <b>H</b>  | Hydrogen   | I'm the lightest element, and stars are mostly made of me.                  |
| <input type="checkbox"/> 2  | <b>He</b> | Helium     | I make party balloons float, and I never burn.                              |
| <input type="checkbox"/> 3  | <b>Li</b> | Lithium    | I'm the lightest metal, and I'm inside rechargeable batteries.              |
| <input type="checkbox"/> 4  | <b>Be</b> | Beryllium  | Emeralds are a gem made with me.                                            |
| <input type="checkbox"/> 5  | <b>B</b>  | Boron      | Put me in a flame and the flame turns green.                                |
| <input type="checkbox"/> 6  | <b>C</b>  | Carbon     | Diamonds and pencil graphite are both made of me.                           |
| <input type="checkbox"/> 7  | <b>N</b>  | Nitrogen   | I'm about 78% of the air you breathe.                                       |
| <input type="checkbox"/> 8  | <b>O</b>  | Oxygen     | You breathe me in, and fire needs me to burn.                               |
| <input type="checkbox"/> 9  | <b>F</b>  | Fluorine   | A form of me in toothpaste helps protect your teeth.                        |
| <input type="checkbox"/> 10 | <b>Ne</b> | Neon       | I glow red-orange in bright signs.                                          |
| <input type="checkbox"/> 11 | <b>Na</b> | Sodium     | I make table salt with chlorine.                                            |
| <input type="checkbox"/> 12 | <b>Mg</b> | Magnesium  | I burn with a blinding white light, and I sit in the middle of chlorophyll. |
| <input type="checkbox"/> 13 | <b>Al</b> | Aluminum   | Soda cans and kitchen foil are made of me.                                  |
| <input type="checkbox"/> 14 | <b>Si</b> | Silicon    | Sand and computer chips are made with me.                                   |
| <input type="checkbox"/> 15 | <b>P</b>  | Phosphorus | I'm in match heads, and in your bones and teeth.                            |
| <input type="checkbox"/> 16 | <b>S</b>  | Sulfur     | I'm a yellow rock near volcanoes, and I'm in the rotten-egg smell.          |
| <input type="checkbox"/> 17 | <b>Cl</b> | Chlorine   | I keep swimming pools clean, and I make salt with sodium.                   |
| <input type="checkbox"/> 18 | <b>Ar</b> | Argon      | I'm almost 1% of the air, and welders use me to protect hot metal.          |
| <input type="checkbox"/> 19 | <b>K</b>  | Potassium  | Bananas are famous for having lots of me.                                   |
| <input type="checkbox"/> 20 | <b>Ca</b> | Calcium    | Your bones, teeth and chalk are full of me.                                 |

# CALLING SLIPS

Cut these out, fold them and pull one from a cup. The clue is on top; the answer is underneath.

|                                                                                                         |                                                                                                               |                                                                                                            |                                                                                                                            |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <p>I'm the lightest element, and stars are mostly made of me.</p> <hr/> <p><b>Hydrogen · H · 1</b></p>  | <p>I make party balloons float, and I never burn.</p> <hr/> <p><b>Helium · He · 2</b></p>                     | <p>I'm the lightest metal, and I'm inside rechargeable batteries.</p> <hr/> <p><b>Lithium · Li · 3</b></p> | <p>Emeralds are a gem made with me.</p> <hr/> <p><b>Beryllium · Be · 4</b></p>                                             |
| <p>Put me in a flame and the flame turns green.</p> <hr/> <p><b>Boron · B · 5</b></p>                   | <p>Diamonds and pencil graphite are both made of me.</p> <hr/> <p><b>Carbon · C · 6</b></p>                   | <p>I'm about 78% of the air you breathe.</p> <hr/> <p><b>Nitrogen · N · 7</b></p>                          | <p>You breathe me in, and fire needs me to burn.</p> <hr/> <p><b>Oxygen · O · 8</b></p>                                    |
| <p>A form of me in toothpaste helps protect your teeth.</p> <hr/> <p><b>Fluorine · F · 9</b></p>        | <p>I glow red-orange in bright signs.</p> <hr/> <p><b>Neon · Ne · 10</b></p>                                  | <p>I make table salt with chlorine.</p> <hr/> <p><b>Sodium · Na · 11</b></p>                               | <p>I burn with a blinding white light, and I sit in the middle of chlorophyll.</p> <hr/> <p><b>Magnesium · Mg · 12</b></p> |
| <p>Soda cans and kitchen foil are made of me.</p> <hr/> <p><b>Aluminum · Al · 13</b></p>                | <p>Sand and computer chips are made with me.</p> <hr/> <p><b>Silicon · Si · 14</b></p>                        | <p>I'm in match heads, and in your bones and teeth.</p> <hr/> <p><b>Phosphorus · P · 15</b></p>            | <p>I'm a yellow rock near volcanoes, and I'm in the rotten-egg smell.</p> <hr/> <p><b>Sulfur · S · 16</b></p>              |
| <p>I keep swimming pools clean, and I make salt with sodium.</p> <hr/> <p><b>Chlorine · Cl · 17</b></p> | <p>I'm almost 1% of the air, and welders use me to protect hot metal.</p> <hr/> <p><b>Argon · Ar · 18</b></p> | <p>Bananas are famous for having lots of me.</p> <hr/> <p><b>Potassium · K · 19</b></p>                    | <p>Your bones, teeth and chalk are full of me.</p> <hr/> <p><b>Calcium · Ca · 20</b></p>                                   |

# CARD CHECKER

What is on each of the 30 cards, so you can confirm a "Bingo!" in seconds.

Card 1

|    |    |    |    |
|----|----|----|----|
| Al | N  | Ar | K  |
| He | Mg | Li | Si |
| Ne | P  | Na | H  |
| Be | Ca | Cl | O  |

Card 2

|    |    |    |    |
|----|----|----|----|
| F  | B  | K  | He |
| Ca | N  | O  | Cl |
| Li | Ne | Si | Na |
| Ar | Mg | Be | H  |

Card 3

|    |    |    |    |
|----|----|----|----|
| Mg | K  | N  | F  |
| Cl | H  | Si | Al |
| B  | P  | C  | Ca |
| Ar | Be | S  | He |

Card 4

|    |    |    |    |
|----|----|----|----|
| K  | S  | N  | Cl |
| H  | B  | Ar | Ca |
| Mg | F  | Na | O  |
| Li | Ne | He | Si |

Card 5

|    |    |    |    |
|----|----|----|----|
| Ca | C  | O  | N  |
| H  | Ar | S  | Be |
| Li | Na | Al | Ne |
| Cl | Mg | Si | B  |

Card 6

|    |    |    |    |
|----|----|----|----|
| S  | Ar | O  | C  |
| Mg | Na | B  | Al |
| He | K  | Cl | F  |
| Ca | Ne | P  | Be |

Card 7

|    |    |    |    |
|----|----|----|----|
| Mg | P  | K  | Li |
| F  | Ne | Al | N  |
| S  | Ca | Na | Ar |
| B  | C  | O  | Cl |

Card 8

|    |    |    |    |
|----|----|----|----|
| H  | O  | N  | Mg |
| He | C  | Si | Ca |
| P  | Li | F  | Be |
| Na | S  | Al | Ar |

Card 9

|    |    |    |    |
|----|----|----|----|
| Al | Be | F  | Na |
| He | Ar | Ca | H  |
| P  | B  | Mg | K  |
| Cl | N  | Li | C  |

Card 10

|    |   |    |    |
|----|---|----|----|
| Si | K | Cl | N  |
| H  | B | Al | Li |
| He | C | Ca | Be |
| S  | F | Na | Ar |

Card 11

|    |    |    |    |
|----|----|----|----|
| Cl | Si | Mg | K  |
| B  | Ne | C  | Al |
| N  | S  | Na | He |
| P  | O  | Ar | Be |

Card 12

|    |    |    |    |
|----|----|----|----|
| P  | Ar | Ne | F  |
| Cl | Be | Ca | H  |
| Li | O  | He | Mg |
| K  | N  | B  | C  |

Card 13

|    |    |    |    |
|----|----|----|----|
| N  | Cl | Ca | Ne |
| O  | Al | Mg | He |
| Na | H  | B  | Li |
| C  | Si | F  | Ar |

Card 14

|    |    |    |    |
|----|----|----|----|
| S  | Ar | Al | C  |
| He | Ne | Na | O  |
| N  | B  | Si | Mg |
| H  | Cl | F  | Li |

Card 15

|    |    |    |    |
|----|----|----|----|
| He | N  | S  | Ne |
| Na | Mg | Ar | F  |
| Al | Si | C  | Ca |
| O  | B  | Cl | H  |

Card 16

|    |    |    |    |
|----|----|----|----|
| Na | Ar | Ca | Cl |
| S  | N  | F  | B  |
| Si | K  | Mg | Li |
| C  | He | Be | Al |

Card 17

|    |    |    |   |
|----|----|----|---|
| Cl | Li | Ar | B |
| He | Na | Ca | P |
| S  | N  | Al | H |
| Ne | Be | O  | F |

Card 18

|    |   |    |    |
|----|---|----|----|
| Si | B | Li | Ar |
| Mg | C | He | Cl |
| F  | O | Ca | K  |
| H  | S | N  | P  |

Card 19

|    |    |    |    |
|----|----|----|----|
| Be | Li | Na | C  |
| P  | N  | B  | F  |
| Ar | K  | Al | He |
| Mg | Cl | O  | Si |

Card 20

|    |    |    |    |
|----|----|----|----|
| Be | Ar | Na | He |
| Si | O  | C  | Li |
| P  | B  | H  | Mg |
| N  | Al | F  | Ca |

Card 21

|    |    |    |    |
|----|----|----|----|
| Mg | O  | N  | K  |
| Na | Li | Si | F  |
| B  | C  | Be | S  |
| P  | Al | Ar | Ne |

Card 22

|    |    |    |    |
|----|----|----|----|
| Cl | Si | Na | Mg |
| S  | Be | Li | He |
| Al | Ca | H  | F  |
| B  | P  | O  | N  |

Card 23

|    |    |    |    |
|----|----|----|----|
| Si | Mg | N  | P  |
| H  | Cl | C  | Ca |
| He | O  | Ar | Ne |
| Be | F  | S  | B  |

Card 24

|    |    |    |    |
|----|----|----|----|
| Cl | Si | Ca | S  |
| Li | O  | F  | Ne |
| C  | He | Be | B  |
| Al | Ar | K  | Na |

Card 25

|   |    |    |    |
|---|----|----|----|
| H | Li | N  | Ca |
| B | P  | Al | Na |
| S | Mg | Be | F  |
| K | C  | Si | He |

Card 26

|    |    |    |    |
|----|----|----|----|
| Ar | Mg | Ca | Al |
| Cl | Si | B  | P  |
| Na | H  | K  | He |
| Ne | O  | S  | N  |

Card 27

|    |    |    |    |
|----|----|----|----|
| Na | S  | F  | Ar |
| Ca | Be | H  | He |
| Si | P  | Al | K  |
| N  | Ne | Li | Cl |

Card 28

|    |    |    |    |
|----|----|----|----|
| F  | Ar | S  | He |
| Ne | Na | C  | K  |
| Cl | H  | Al | Ca |
| Li | P  | Mg | Be |

Card 29

|    |    |    |    |
|----|----|----|----|
| B  | F  | K  | C  |
| Ne | Al | Na | Li |
| He | Si | Ca | P  |
| Mg | Cl | N  | O  |

Card 30

|    |    |    |    |
|----|----|----|----|
| S  | Ca | C  | Ne |
| Cl | Si | H  | B  |
| Al | Mg | Na | He |
| Li | P  | Be | Ar |