

|             |    | Alkali metals                                                                                       |                       | Alkaline earth metals |    |    |    |    |    |    |    |    |    |    |    | Boron group | Carbon group | Phosphorus group | Chalcogens | Halogens | Noble gases |    |    |     |    |     |    |     |    |     |    |
|-------------|----|-----------------------------------------------------------------------------------------------------|-----------------------|-----------------------|----|----|----|----|----|----|----|----|----|----|----|-------------|--------------|------------------|------------|----------|-------------|----|----|-----|----|-----|----|-----|----|-----|----|
|             |    | 1                                                                                                   | 2                     | 3                     | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15          | 16           | 17               | 18         |          |             |    |    |     |    |     |    |     |    |     |    |
| 1           | H  | <h1>Periodic Table Charges Quiz</h1> <p>Write the common ion charge of each element in its box.</p> |                       |                       |    |    |    |    |    |    |    |    |    |    |    |             |              |                  | 2          | He       |             |    |    |     |    |     |    |     |    |     |    |
| 2           | Li | Be                                                                                                  | Name _____ Date _____ |                       |    |    |    |    |    |    |    |    | 5  | B  | C  | N           | O            | F                | Ne         |          |             |    |    |     |    |     |    |     |    |     |    |
| 3           | Na | Mg                                                                                                  |                       |                       |    |    |    |    |    |    |    |    | 13 | Al | Si | P           | S            | Cl               | Ar         |          |             |    |    |     |    |     |    |     |    |     |    |
| 4           | K  | Ca                                                                                                  | Transition metals     |                       |    |    |    |    |    |    |    |    | 31 | Ga | Ge | As          | Se           | Br               | Kr         |          |             |    |    |     |    |     |    |     |    |     |    |
| 5           | Rb | Sr                                                                                                  | Y                     | Zr                    | Nb | Mo | Tc | Ru | Rh | Pd | Ag | Cd | In | Sn | Sb | Te          | I            | Xe               |            |          |             |    |    |     |    |     |    |     |    |     |    |
| 6           | Cs | Ba                                                                                                  | 57-71                 | Hf                    | Ta | W  | Re | Os | Ir | Pt | Au | Hg | Tl | Pb | Bi | Po          | At           | Rn               |            |          |             |    |    |     |    |     |    |     |    |     |    |
| 7           | Fr | Ra                                                                                                  | 89-103                | Rf                    | Db | Sg | Bh | Hs | Mt | Ds | Rg | Cn | Nh | Fl | Mc | Lv          | Ts           | Og               |            |          |             |    |    |     |    |     |    |     |    |     |    |
| Lanthanides |    | 57                                                                                                  | La                    | 58                    | Ce | 59 | Pr | 60 | Nd | 61 | Pm | 62 | Sm | 63 | Eu | 64          | Gd           | 65               | Tb         | 66       | Dy          | 67 | Ho | 68  | Er | 69  | Tm | 70  | Yb | 71  | Lu |
| Actinides   |    | 89                                                                                                  | Ac                    | 90                    | Th | 91 | Pa | 92 | U  | 93 | Np | 94 | Pu | 95 | Am | 96          | Cm           | 97               | Bk         | 98       | Cf          | 99 | Es | 100 | Fm | 101 | Md | 102 | No | 103 | Lr |