

SCRABBLE PATTERNS

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When the letters of the word SUPERMAN are assigned their Scrabble values, SUPE.RMAN becomes **1131.1311**, a palindromic numerical arrangement. SUPE.RMAN is what I call a **Scrabble Palindrome**. Similarly, GAR.DEN is a **Scrabble Tautonym (211.211)**, whilst RU.IN (**11.11**) is **both a Scrabble Palindrome and a Scrabble Tautonym**. The Scrabble totals of the letters of the first and second halves of the word are equal, in the above cases **6.6**, **4.4** and **2.2** respectively.

In the game of Scrabble, the values of the letters are:

A E I L N O R S T U (1) D G (2) B C M P (3) F H V W Y (4) K (5) J X (8) Z Q (10)

No letters have Scrabble values of 6, 7 or 9.

In order for the Scrabble totals of the two halves of a word to each be 1 (represented by **1.1**), the word can only be constructed from Scrabble letters in **one way**, specifically from letters with a Scrabble value of 1. Such words include AT, IN etc. (see below).

Scrabble totals higher than **1.1** can all be constructed from Scrabble letters in **two, or more, ways**. Thus, **2.2** can be achieved using the pattern **2.2** or the pattern **11.11**. The patterns 2.11 and 11.2 are not admitted as they are not palindromic or tautonymic.

Some patterns fail to produce any words. This is mainly because all 5 of the major vowels (a, e, i, o u) have the same Scrabble value (1). Hence, for example, no Scrabble Palindromes were found with the patterns 23.32 and 32.23 or Scrabble Tautonyms with the patterns 23.23 and 32.32.

In the lists below, the **numbers on the left (starting with 1.1) are the Scrabble totals of the letters of the two halves of the words**. *The numbers in italics are the Scrabble values of the individual letters.*

Most of the words can be found in the Oxford English Dictionary, Second Edition.

Other references: *Cham* = Chambers English Dictionary *Dor* = Dorland's Medical Dictionary *LAE* = Longman's Illustrated Animal Encyclopedia *NZ* = Nomenclator Zoologicus *Sted* = Stedman's Medical Dictionary *TNWD* = The New Welsh Dictionary by Evans & Thomas *W2* = Webster's Second Edition

BOTH SCRABBLE PALINDROMES AND SCRABBLE TAUTONYMS

The pattern **4.4*** is worthy of note in being the only 2-digit pattern, apart from **1.1**, for which words were found. This is possible because the '6th vowel' Y has a Scrabble value of 4.

Words which are letter palindromes or letter tautonyms are not admitted.

1.1 *1.1* an as at in is it lo no on or so to us

2.2 *11.11* ea.st li.st ru.le se.nt st.en to.ur

3.3 *111.111* ant.ler enl.ist ins.ole lea.rnt lin.ers neu.ral orn.ate res.ult sul.tan urs.ine

4.4 *4.4** h.y (haste) v.y (in card-playing, a challenge)

121.121 adi.uge (adjudge)

1111.1111 seno.rita insu.late urin.ates relation Tiro.lean outr.aise (an 'aeiou' word)

5.5 *131.131* amo.eba opt.ics scr.ape scr.ript spl.ice spr.uce

212.212 dod.ged dog.ged gad.ded gag.ged

11111.11111 Lauri.eston (in UK) Neola.tirus (mollusc - NZ)

- 6.6** *141.141* Eve.lyn shr.ift shr.ive shr.ove thr.ive thr.own
2112.2112 ding.-dong drag.gled dred.ging drud.ging
111111.111111 teleos.aurian
- 7.7** *151.151* ska.lke ski.nke skr.ike (a screech) sku.lke
313.313 mob.cap (contains just one each of the letters with a value of 3, ie. B C M P, as does 'upclimbs'* below)
11311.11311 impor.table unpoe.tical
111111.111111 neutral.isation trilate.ralness unilate.ralists
- 8.8** *11411.11411* unfes.tival
1331.1331 upcl.imbs * *3113.3113* plum.bism clip.-clop
1111111.1111111 antinati.onalists internat.ionalise translit.erations
- 9.9** *11511.11511* enkli.tikos (Gk. 'inclined' – Cham)
414.414 fly.way
11111111.11111111 antisensa.tionalist
- 10.10** *4114.4114* half-view
113311.113311 rumble.-tumble timber.-topper *131131.131131* obtume.scence
- 11.11** *14141.14141* swive.l-weft *41114.41114* wroth.fully

SCRABBLE PALINDROMES

- 3.3** *12.21* ed.ge *21.12* di.ng du.ng go.ad go.ld gr.id
- 4.4** *13.31* im.ps *31.13* ba.lm bu.rp ca.lm cl.ub cu.rb
112.211 lod.ger nig.gle rid.den rid.ges *211.112* din.ing dos.ing gus.ted
- 5.5** *14.41* Rh.ys (a surname) *41.14* ho.ly vi.ew wa.ry
113.311 arm.pit lim.ber rum.ble tom.cat *311.113* pur.ism cat.nip bur.lap Put.nam
1112.2111 sled.gers slud.gier stod.gier *2111.1112* dera.ting gris.tled
1121.1211 indu.lger orga.ndie ungi.rdle *1211.1121* i-gro.unde (ground = *past part.* of grind)
- 6.6** *15.51* ek.ka (one-horse vehicle in India) ok.ka (an *51.15* ki.nk ki.rk
114.411 eth.yls sty.ful (Egyptian weight) *411.114* hea.rty fou.rth fur.low van.ish
1113.3111 stum.bles tram.pler *3111.1113* botu.lism coli.seum plat.inum
1131.1311 copi.able supe.rman *1311.1131* scle.roma
21111.11112 deton.ating grou.s.eland *11112.21111* strag.glier nonad.dress
12111.11121 adela.ntado (a Spanish grandee) *11121.12111* Laude.rdale landl.adies
2121.1212 degr.aded
213.312 gam.bed gim.ped *312.213* pig.dom
- 7.7** *115.511* tik.kle (tickle) luk.kin (to lock) *511.115* kar.luk (Russian isinglass)
1141.1411 lavi.sher unfl.ower *1411.1141* over.lays shoe.-lift over.lift

7.7 contd.

1114.4111 Lath.yrus outw.hine tray.fuls *4111.1114* flou.rish hone.stly hear.tily
11113.31111 intem.poral resum.ption *31111.11113* centr.alism psalt.erium
11131.13111 urocl.epsia (*Dor*) *13111.11131* Apote. riums (shrubs)
211111.111112 desali.nating gutter.alised
111121.121111 soundi.ngness
111211.112111 nonger.undial (*W2*) *112111.111211* Argent.inidae ingrat.itudes
214.412 daw.yng (dawning) *412.214* fid.dly wag.gly

8.8 *1115.5111* trek.kers

11114.41111 tarif.fless insuf.flate *41111.11114* Faunt.leroy harei.ously(aeiou word)
14111.11141 overs.trewn evalu.ative *11141.14111* univa.lvate (*W2*) out-fl.avour
111113.311111 unslum.berous (*W2*) *311111.111113* conson.antism bilate.ralism
111131.131111 strept.obiose (*Sted*)
111311.113111 neo.cri.ticist *113111.111311* unconsolable recons.tructs
1111112.2111111 autosug.gestion *2111111.1111112* disillu.sioning
1111121.1211111 neurode.ndrites (*W2*) nonsegr.egation (*W2*)
1111211.1121111 aerogeo.logists (*W2*)
3131.1313 caps.icum
21113.31112 disem.pired *31112.21113* blood-group (*Cham*)
21131.13112 descr.ibling
1412.2141 shad.dowe *4121.1214* fadi.ngly hidingly
314.413 may.hem *413.314* hum.bly wob.bly

9.9 *81.18* ji.nx

11151.15111 snake.skins
111114.411111 interw.histle ninety.firsts *411111.111114* fortui.tously frater.nality
111141.141111 earthe.nwares *141111.111141* tystio.laethu (Welsh: to testify –
aeiou word - *TNWD*)
114111.111411 Stylos.anthes (pencilflower)
111411.114111 self-an.alysis traver.se-wise
3111111.1111113 proleta.rianism bioastr.onautic
1111311.1131111 eriocau.laceous (*W2*) telecon.nection
1131111.1111311 Romano-E.truscan superlu.natical (*W2*)
21111111.11111112 disease-r.esisting
211113.311112 distem.pering *211131.131112* delacr.imated
211311.113112 deobstr.ucted discon.nected disbal.ancing
311121.121113 pseudo.rganic mesodu.odenum
311211.112113 Macdon.aldism

- 10.10** *311131.131113* panspe.rmatic preope.rculum metaco.umaric
113131.131311 albumo.scopes (*W2*) recipr.ocable **131311.113131** spectr.oscope
311311.113113 precri.ticism(*W2*) propes.simism(*W2*) **313111.111313** macros.eismic
- 11.11** *1131113.3111311* superem.pirical supraum.bilical superim.posable
3131111.1111313 bacteri.otropic
4412.2144 Whig.gify
- 12.12** *111144.441111* Nantyf.fyllon (Wales)
114114.411.411 safety.-valves
411141.141114 fortys.eventh
141114.411141 overef.fusive

SCRABBLE TAUTONYMS

- | | |
|--|---|
| 3.3 <i>12.12</i> ag.ed eg.ad | <i>21.21</i> da.go di.gs do.ge go.ds gr.id |
| 4.4 <i>13.13</i> sc.ab sc.am | <i>31.31</i> ca.me mi.ce mo.bs pa.ce |
| <i>112.112</i> Ing.rid rid.ing sid.ing | <i>211.211</i> dan.ger dra.gon gar.den gol.den |
| 5.5 <i>14.14</i> sh.ow | <i>41.41</i> ha.ve |
| <i>113.113</i> rec.oup unc.lip | <i>311.311</i> pin.cer |
| <i>1112.1112</i> tang.ling targ.eted uned.ited | <i>2111.2111</i> dele.gate desi.gner gran.dson |
| <i>1121.1121</i> Eldo.rado rede.sign unde.rage | <i>1211.1211</i> Adin.idan (the Adinida are Protozoans) |
| 6.6 <i>15.15</i> sk.ek (a petty raid) | <i>51.51</i> ka.ke (cake) ka.ki (Chinese date plum) |
| <i>114.114</i> inf.low lav.ish new.ish saf.ety | <i>411.411</i> fat.her hit.her vie.wer vin.yls |
| <i>1113.1113</i> neop.lasm sunc.ream | <i>3111.3111</i> cons.pire peli.cans pole.mist |
| <i>1131.1131</i> nume.rics recl.aims supe.ract | <i>1311.1311</i> abno.rmal obst.acle |
| <i>11112.11112</i> strid.elong (with legs wide apart) | <i>21111.21111</i> dotin.gness geolo.gists giran.doles |
| <i>11121.11121</i> rende.rings ale-gr.ounds | <i>12111.12111</i> ideol.ogist iguan.odont |
| 7.7 <i>115.115</i> unk.irk Sok.ulk (an Indian of a
\Shahaptian tribe - <i>W2</i>) | <i>511.511</i> kin.kle kra.ken |
| <i>1114.1114</i> outfl.ash seaf.orth slov.enly | <i>4111.4111</i> flas.hier |
| <i>1141.1141</i> rift.-sawn sove.rayn unwr.ithe | <i>1411.1411</i> over.thin shri.eval swea.tful |
| <i>11113.11113</i> Leioc.ranum (an Arachnid - <i>NZ</i>) | <i>31111.31111</i> broil.ments (disturbances) |
| <i>11131.11131</i> turbu.lence | <i>13111.13111</i> Acten.obius (beetle - <i>NZ</i>) |
| <i>111112.111112</i> interd.ealing nitrog.enised triang.ulated | |
| <i>211111.211111</i> Darlin.gtonia (a pitcherplant - <i>Cham</i>) | |
| <i>111121.111121</i> autode.alings | <i>121111.121111</i> adstri.ngents |
| <i>111211.111211</i> single-loader Sooglo.ssidae (Order of frogs - <i>LAE</i>) | Teague.lander (an Irishman) |
| <i>112111.112111</i> audiol.ingual Euglen.oidina (Order of unicellular organisms) | |
| <i>21211.21211</i> Dugon.gidae (a family of aquatic herbivorous mammals) | |
| <i>412.412</i> fig.hed | |

- 8.8** *134.134* sch.emy
1115.1115 tink.tank
11114.11114 antif.elony north.ernly relev.antly
41111.41111 fallo.wness fetis.hists fores.hores
11141.11141 nonfe.stive *14111.14111* overi.nvest tylos.tylus
111113.111113 leptoc.entric neuro-c.entrum
311111.311111 biarti.culate maleru.ptions (*W2*) Petalo.crinus (an echinoderm - *NZ*)
111131.111131 insect.ariums nonobe.isance unrepe.ntance
111311.111311 neocla.ssical surmou.ntable unobta.inable
113111.113111 Nemato.librus (a beetle - *NZ*)
131111.131111 ecrust.aceous (*W2*) scatte.rbrain (*Cham*)
111112.111112 autoreg.ulating
211111.211111 deutra.gonists disinte.grators gastroa.denitis (*W2*)
- 9.9** *18.18* Aj.ax *81.81* ja.xe (a privy)
51111.51111 kalli.krein (an enzyme)
- 10.10** *811.811* jin.xer
- 11.11** *11144.11144* oathw.orthy
- 14.14** *41144.41144* wishy.-washy

SCRABBLE TRIPLE TAUTONYMS

- | | | | | |
|--------------|-----------------|--------------------------|-----------------|------------------------------------|
| 3.3.3 | <i>12.12.12</i> | i-g.od.ed (ME 'good') | <i>21.21.21</i> | dé.ga.gé (unembarrassed) |
| 4.4.4 | <i>13.13.13</i> | ic.ec.ap (<i>Cham</i>) | <i>31.31.31</i> | pu.mi.ce |
| 5.5.5 | <i>14.14.14</i> | sh.if.ty | <i>41.41.41</i> | fi.ft.hs |
| 6.6.6 | <i>15.15.15</i> | Sk.ok.ak (Yugoslavia) | <i>51.51.51</i> | ko.ka.ko (New Zealand Wattle-bird) |

SCRABBLE QUADRUPLE TAUTONYM

- 5.5.5.5** *41.41.41.41* fi.ft.y-t.wo

Scrabble Palindromes and Scrabble Tautonyms are not the sole genres of Scrabble Pattern words. A **Scrabble Miami** (pattern 'abcb'), for example, is found in **Wight** (Isle of), **fight** and **highs** (all with the pattern *41241*), **yacht** (*41341*) and **Bryce** (*31431*).