



r-*PATTERNs:* (*r*-*middle*) - (*r*-*upper*) - (*r*-*lower*) = *r* previous for ALL UPPER, MIDDLE & LOWER Branches and, for any given MIDDLE Branch, its own *s*=*UPPER* t and t=LOWER t

Using the 5 simple equations from the top-left, all derived from a = r + s, b = r + t, and c = r + s + t, one can follow the *f*, *s*, *t* and change (Δ) in *f* values to see the LARGER PATTERN. We start with the 1st Tertiary Branch: see how the Δf between the BLUE equals 1 in the MIDDLE RED. The 2nd & 3rd Tertiary Branches follow. The 2nd Branches follow a Δf of 7:1:7, while the 3rd follows a Δf of 17:7:17–:–41:1:41–:–23:7:23. See how the MIDDLE *f* remains constant through out each Tertiary Branch. The "s" symmetry is fundamental! Table 2f -10 Tertiary Tree of Primitive Pythagorean Triples