TRIANGULAR PROGRESSIONS

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Consider the word QUILLs. Arrange the letters, in order, to make a triangle:

Q
U I
L L S

Now assign the letters their numerical positions in the alphabet (A = 1, B = 2 etc). The result is Q = 17; U + I = 30, and L + L + S = 43. The difference between the 1st and 2nd rows (30 – 17) is 13 and, hey presto, the difference between the 2nd and 3rd rows is also 13 (43 – 30).

Below are triangular representations of 6-letter words exhibiting two numerically-identical progressions. The progressions range from 1 to 30.

Unless specified otherwise, words can be found in the Oxford English Dictionary, Second Edition.

U N P S R
H K E O H
A C E R D
unhard pocketed Penang
D shored - nb.transposals - Rhodes

R K E A R
S P M E S
E V I O N
paving matted reveals
N T E sonnet

Y N C K M
O I G T P
I T S E S
knight coated kipper
E S S misses

C A I S A
A E D R B
castle Araner (inhabitant of Aran)
A U K S

21. (1.22.43) 22. (19.41.63) 23. (5.28.51) 24. (5.29.53) 25. (3.28.53)
M R O E S
S Z U E T
D Y N E R
M P O M
amidst sozzly (slippery - Chambers)

26. (3.29.55) 27. (1.28.55) 28. (2.30.58) 29. (7.36.65) 30. (3.33.63)
C A B G C
R I U E U
Y R Y O R

Can anyone discover a 10-letter word triangle exhibiting three numerically-identical progressions?