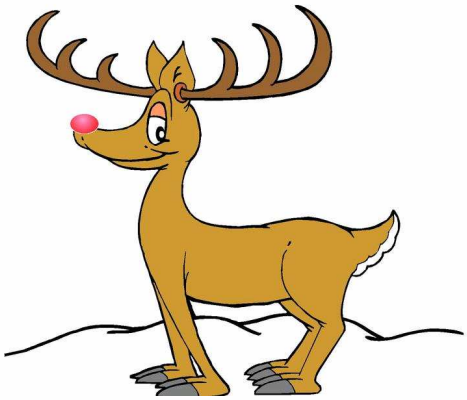

Christmas Coordinates

Emaths.co.uk

Draw x-axis from 0 to 18 and y-axis from 0 to 26

(16÷2, √121) (35÷5, 6×2) (10−3, √169) (√64, √196)
(5+5, 28÷2) (33÷3, 21−8) (4^2−5, 4×3) (√16+√36, 14−3) (√64, √121)

(√25, 4^2) (60÷12, 2×3^2) (√49, √324) (56÷8, 5^2−3^2) (100÷20, 4^2)

(√121, 2^4) (44÷3, 54÷3) (3^2+2^2, 6×3) (5+2^3, 2^4) (7+4, 8÷$^1/_2$)

(2^3, 5^2−5) (⅔×9, ⅔×33) (√25, 44÷2) (3^2−2^2, 4^2+7) (2^2, 32−9)
(⅛×32, 12÷$^1/_2$) (√9, √576) (2^2−1, $^1/_2$×50) (¼×8, 5^2) (6−4, 6^2−10)
(8−2^3, 5^2+1) (16−4^2, 5^2) (3^2−2^3, 4^2+3^2) (11÷11, 6^2−12) (2^3÷4, 48÷2)
(√4, 7^2−26) (4^2−3^2−2^2, ¼×92) (⅛×24, 2×11) (√16, √484) (2^2, √441)
(√25, 4^2+5) (3^2−2^2, √400) (√36, 2^4+4)

(√169, 5×4) (3^2+4, 4^2+5) (7×2, 6^2−15) (√196, 30−√64) (√225, √484)
(¼×60, √529) (√256, 5^2−2) (4^2, 3×8) (4^2+1, ¼×96) (12+5, 5^2)
(36÷2, 75÷3) (2×3^2, 3^3−1) (2^4, 5^2+1) (√256, √625) (√225, 5^2)
(6+3^2, ⅔×36) (√196, √400+√16) (⅔×21, √81+√196) (√169, 57−34)
(4^2−3, 2×√121) (√144, 91−69) (√100+√4, 2^4+2^2) (√169, 80÷2^2)

(⅓×15, √81) (√25, √64) (⅜×16, 2^3) (72÷12, √49) (¼×28, 4^2−3^2)
(2^3−1, 4^2−√100) (3^2+2, 66÷11) (√121, 63÷9) (¾×4^2, √49)
(√144, ⅛×4^3) (√169, 4^2−2^3) (5^2−12, 3^2)

(91÷13, 54÷6) (√64, 2^3) (√100, 56÷7) (√121, √81)

Christmas Coordinates

Emaths.co.uk

Draw x-axis from 0 to 18 and y-axis from 0 to 26

x=3: (2x+1, 3x−2) (x^2−2, x+5) (6x−7, 4x−4) (4x−1, x+4) (7x/3,10−x)

a=2, b=3: (a+2b, 5a) (2b+1, 4b−1) (3a+1, 4b) (a^3, 4b+1) (2a+2b, 5a+b) (a^3+b, 6a) (b^2+a, a^4−5) (b^2+1, 2+2^3) (2b+a, a+8)

x=2, y=4, z=5: (2x+1, 2z+y) (1+y, y^2) (x+z, 4z−y) (2z-3, 4z−3x) (5y/2x, 4y−2)

r=2, s=3, t= 6: (r+s+t, r+2t) (s^2+r, 3t−r) (2t+1, 6s-r) (2r+s+t, 7r) (5r+1, 10r−t)

a=3, b=5, c=2, d=7: (d-2c, 2b+c) (10−d, 4b−d) (a+c, 2b+a) (d−c, 4a) (b-c, 4a)

p=5, q=2, r=3: (2p+r, 2qr) (p+q+2r, 7q−1) (pr, 10+r) (4p−q−r, 6q) (3p−q, 4r)

a=10, b=3, c=6: (c/6, 2a−1) (a−3b, 7b) (c−b, 4c−b) (c/2, a+b+c) (a−b−c, 3c+1)

x=3, y=5, z=2: (y−x, 3y+z) (y−z, 6x) (8z, 3y+x) (4y−x, 4x+y) (z^3/4, 6x−1)

a=5, b=2, c=9, d=4: (c−b−d, 2c+1) (a−b, 5a−d) (c−b, 5a) (b+d, 6d+1) (d^2, 9b) (√c, d^2+b) (a+b, 6d−b) (c−a+b, 2c+a−b) (b^2+1, 5a−d) (d−1, a^2−b−d)

Last bit, no working out required!: (1,8) (1,11) (4,11) (4,10) (5,10) (5,9) (13,9) (13,10) (14,10) (14,11) (17,11) (17,8) (16,8) (16,7) (15,7) (15,6) (14,6) (14,5) (13,5) (13,4) (12,4) (12,3) (11,3) (11,2) (7,2) (7,3) (6,3) (6,4) (5,4) (5,5) (4,5) (4,6) (3,6) (3,7) (2,7) (2,8) (1,8) (1,11)